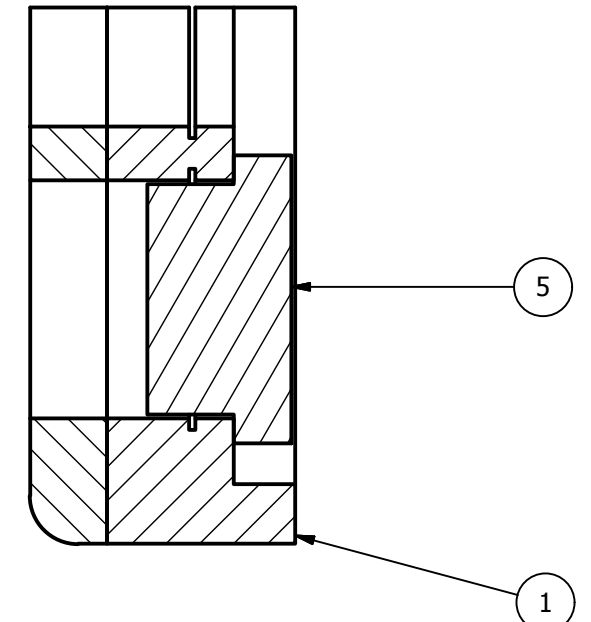
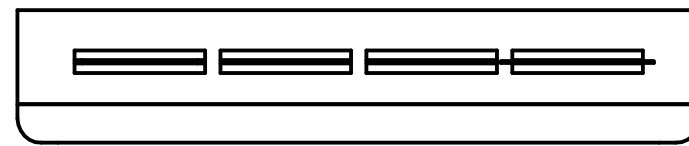
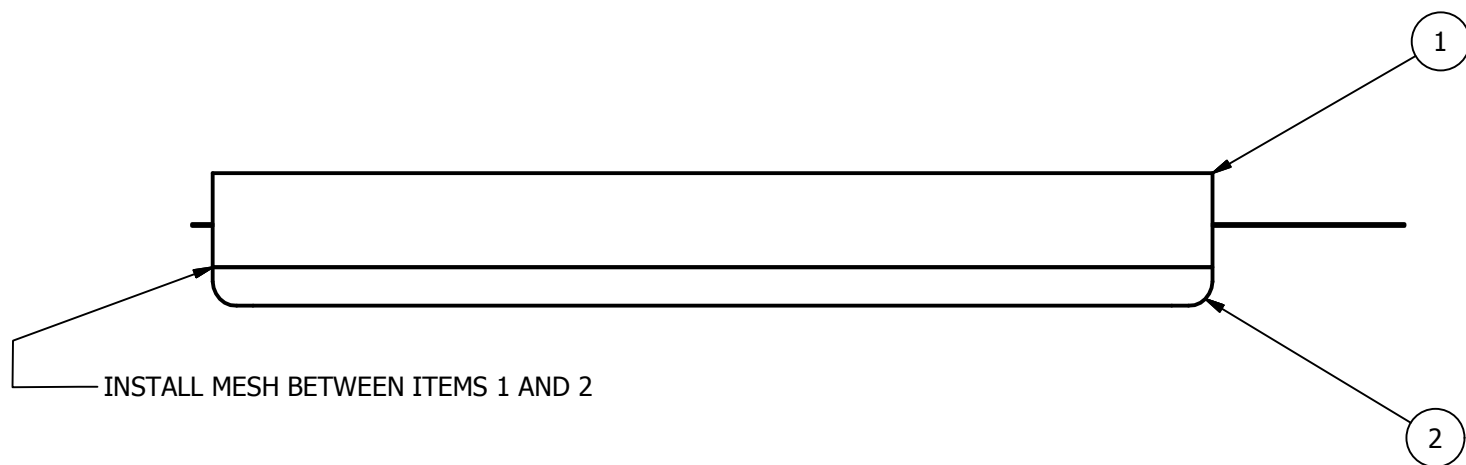
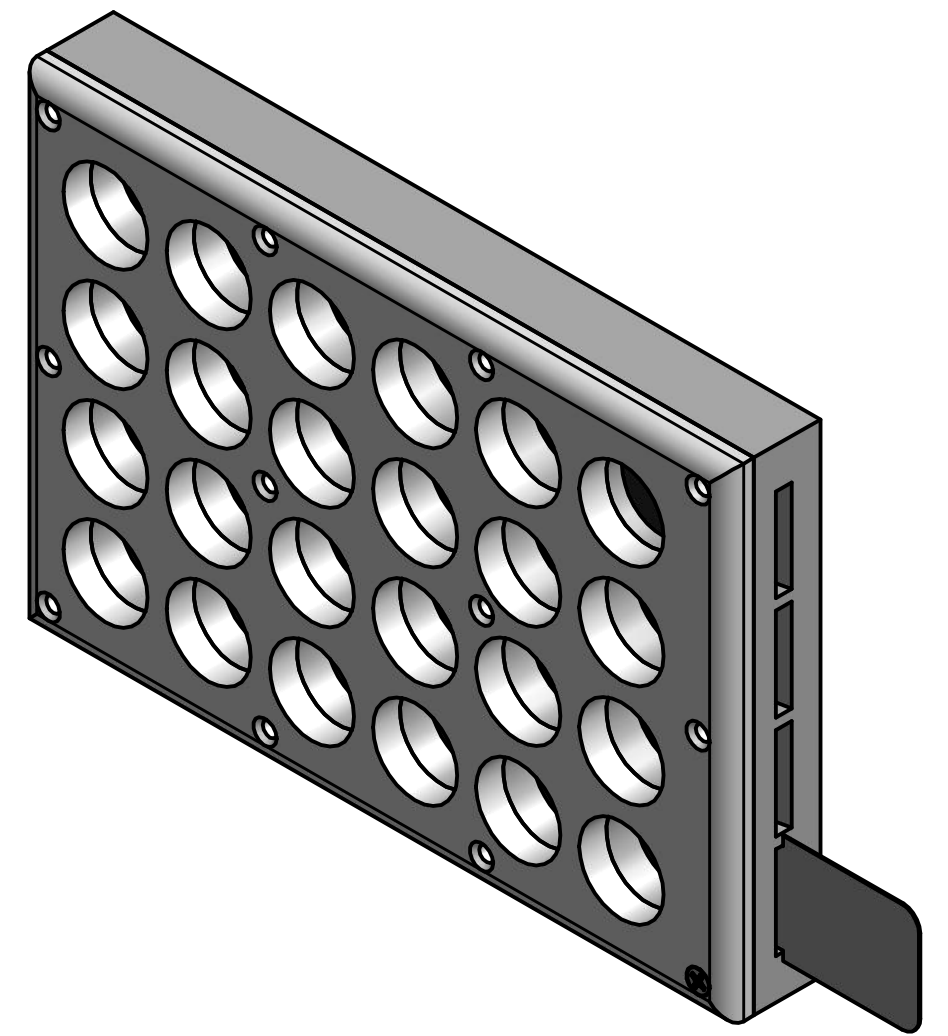
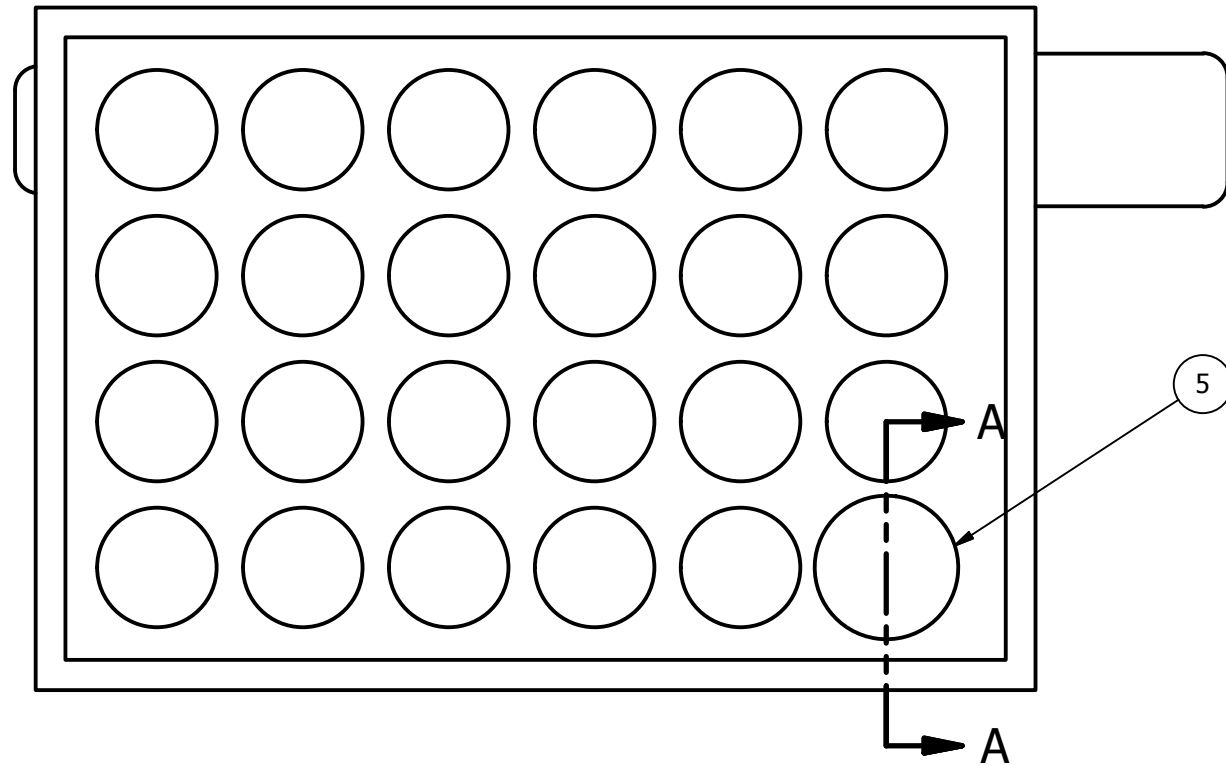


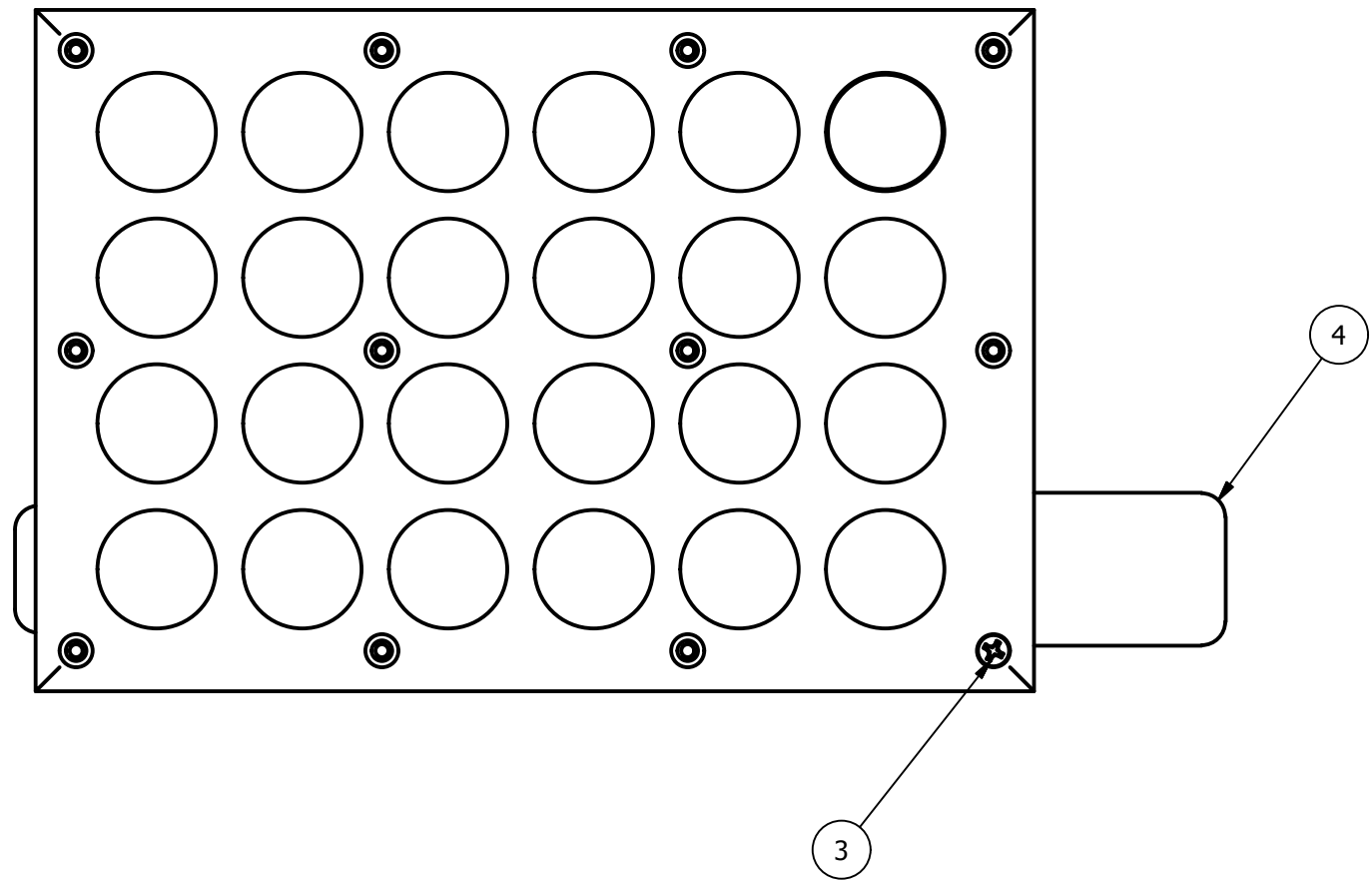
GENERAL NOTES:

- 1. MATERIAL: (SEE PARTS LIST)
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
- 5. DEBURR AND BREAK ALL SHARP EDGES, MAX 0.010" (UNLESS SPECIFIED OTHERWISE)
- 6. PARTS ARE TO BE CLEAN AND FREE OF OIL, GREASE, AND OTHER CONTAMINANTS
- 7. DIMENSIONS INCLUDE CHEMICALLY APPLIED FINISHES IF APPLICABLE

ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



SECTION A-A
SCALE 2:1



ITEM	QTY	FILE NAME	REV	PART NUMBER	DESCRIPTION
1	1	24 CHAMBER COMPARTMENTS.ipt		24 CHAMBER COMPARTMENTS	
2	1	24 CHAMBER SCREEN HOLDER.ipt		24 CHAMBER SCREEN HOLDER	
3	12	2-56X5-16 FLATHEAD SCREW.ipt		2-56X5-16 FLATHEAD SCREW	
4	1	24 CHAMBER PARTITION SLIDE - SINGLE.ipt		24 CHAMBER PARTITION SLIDE-SINGLE	
5	1	24 CHAMBER VIEWING GLASS.ipt		24 CHAMBER VIEWING GLASS	
PARTS LIST					

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[SECONDARY UNITS]: MILLIMETERS

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 X.X ± 0.020
 X.XX ± 0.010
 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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THIRD ANGLE PROJECTION:

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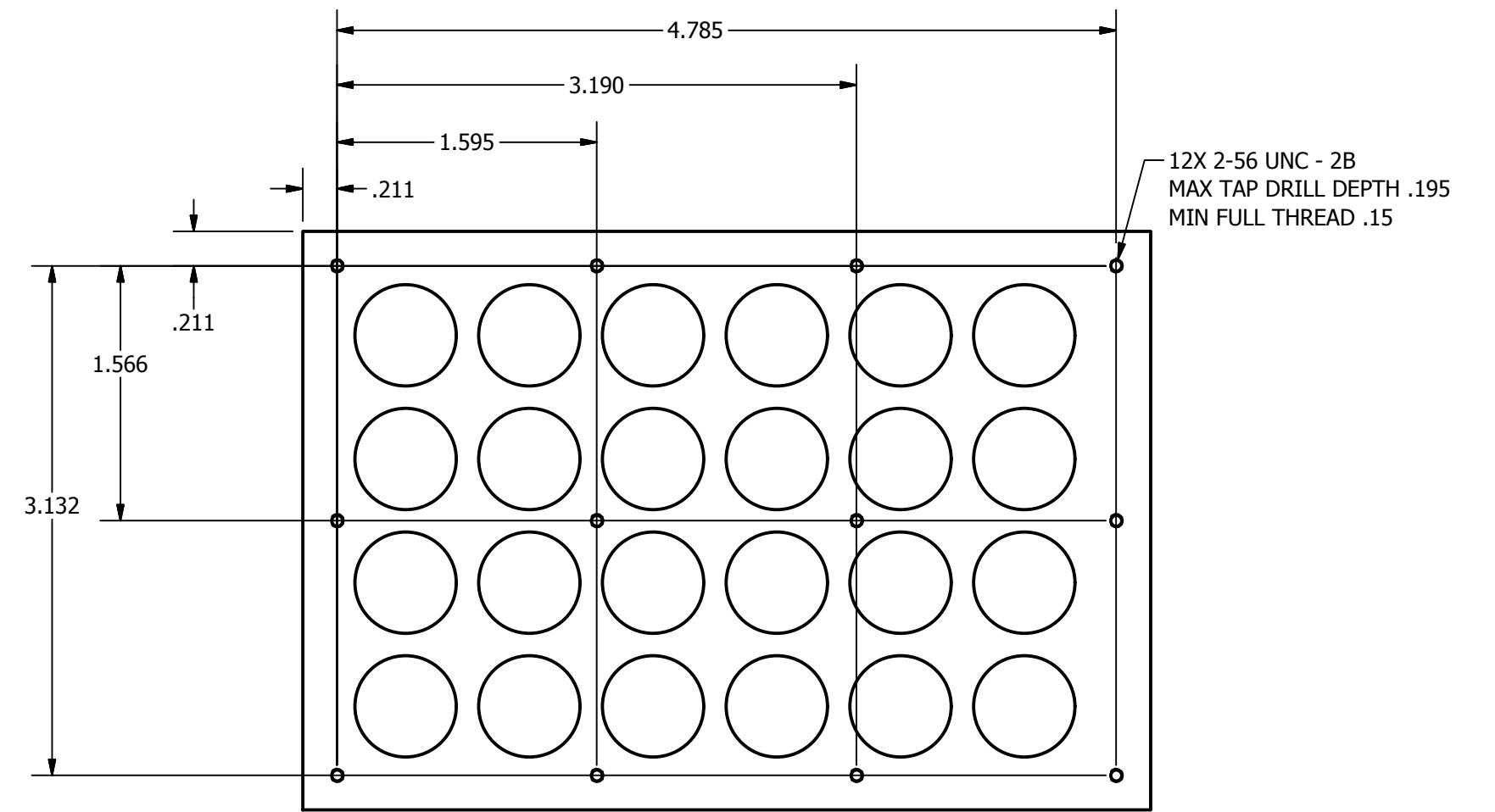
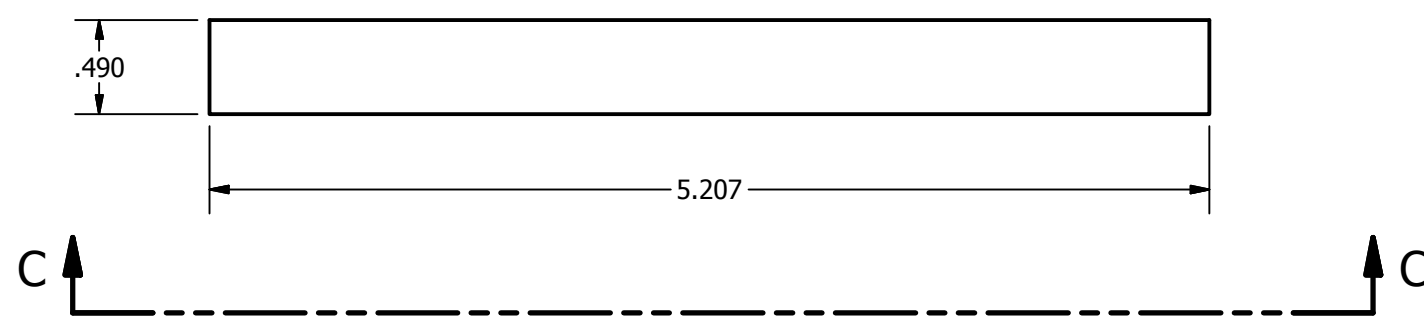
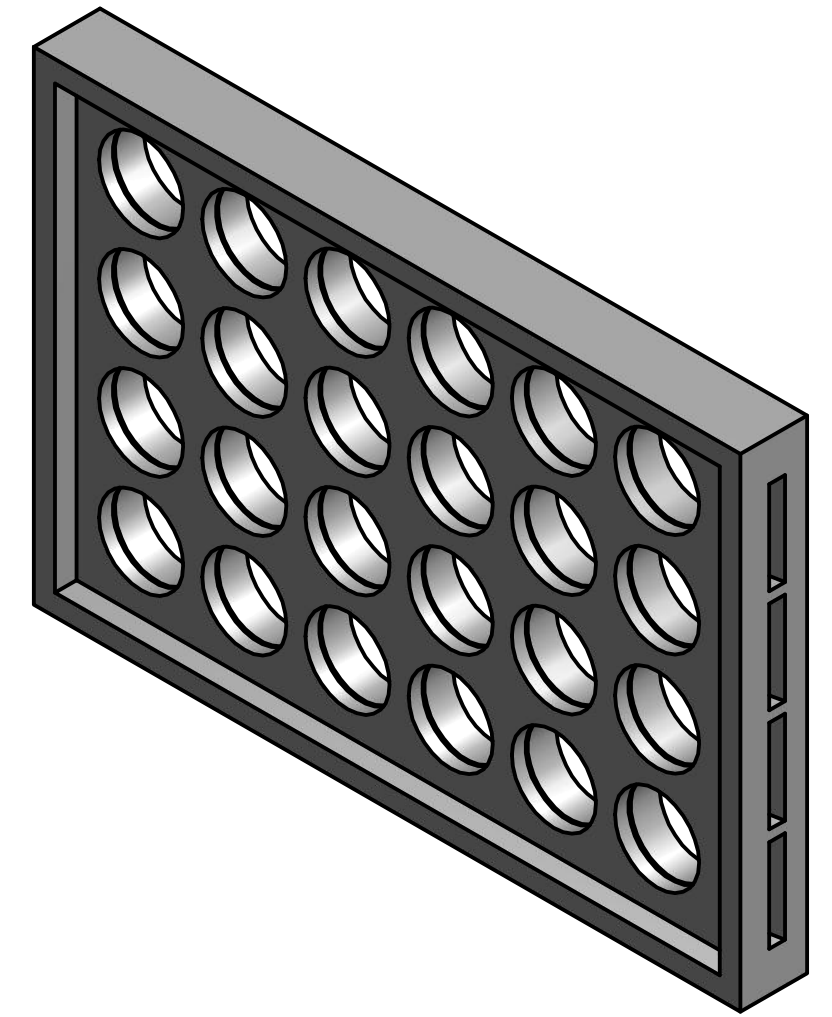
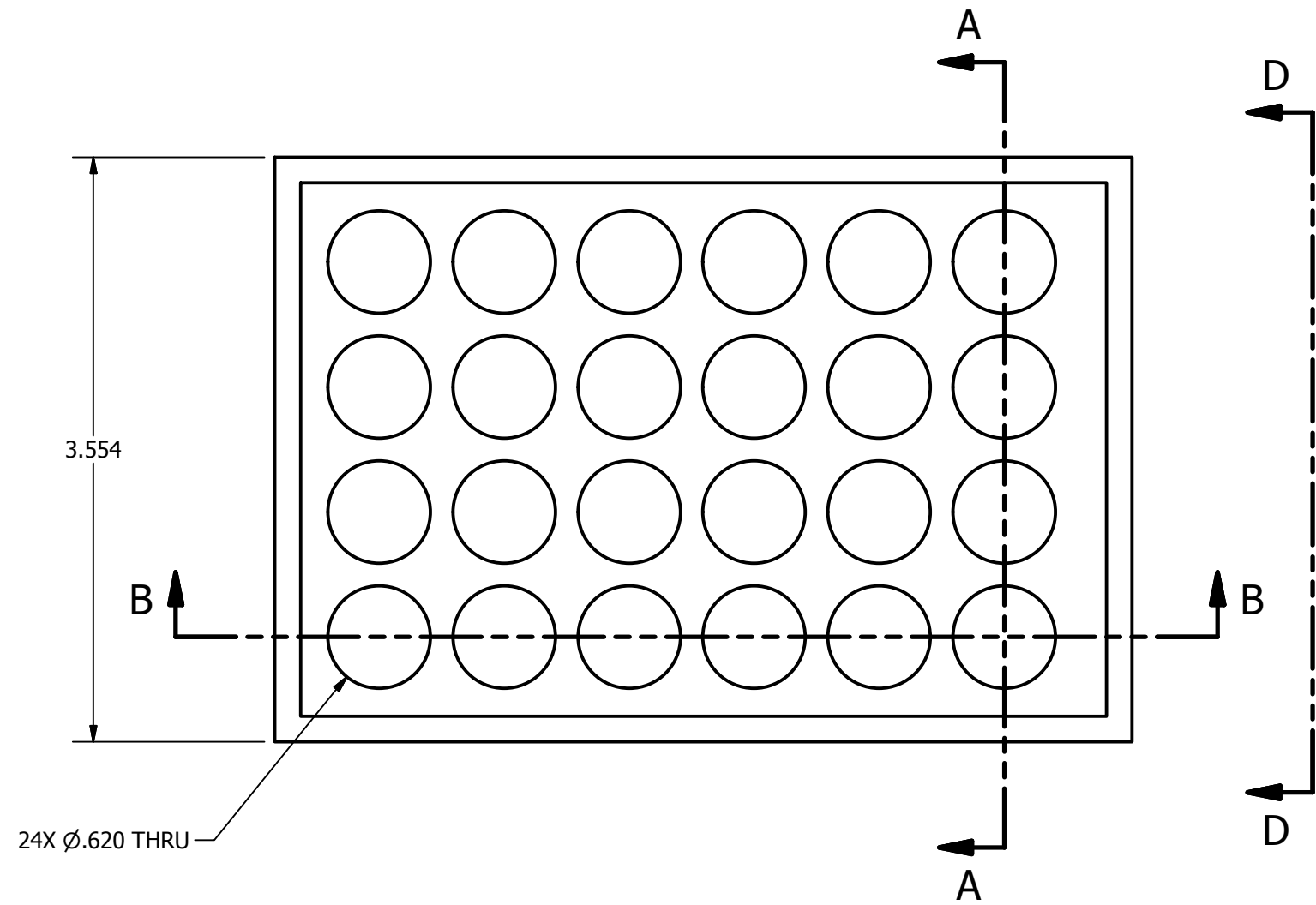
24-well chamber assembly

SIZE C	PART NUMBER 1	REV 0	SHEET 1 OF 1
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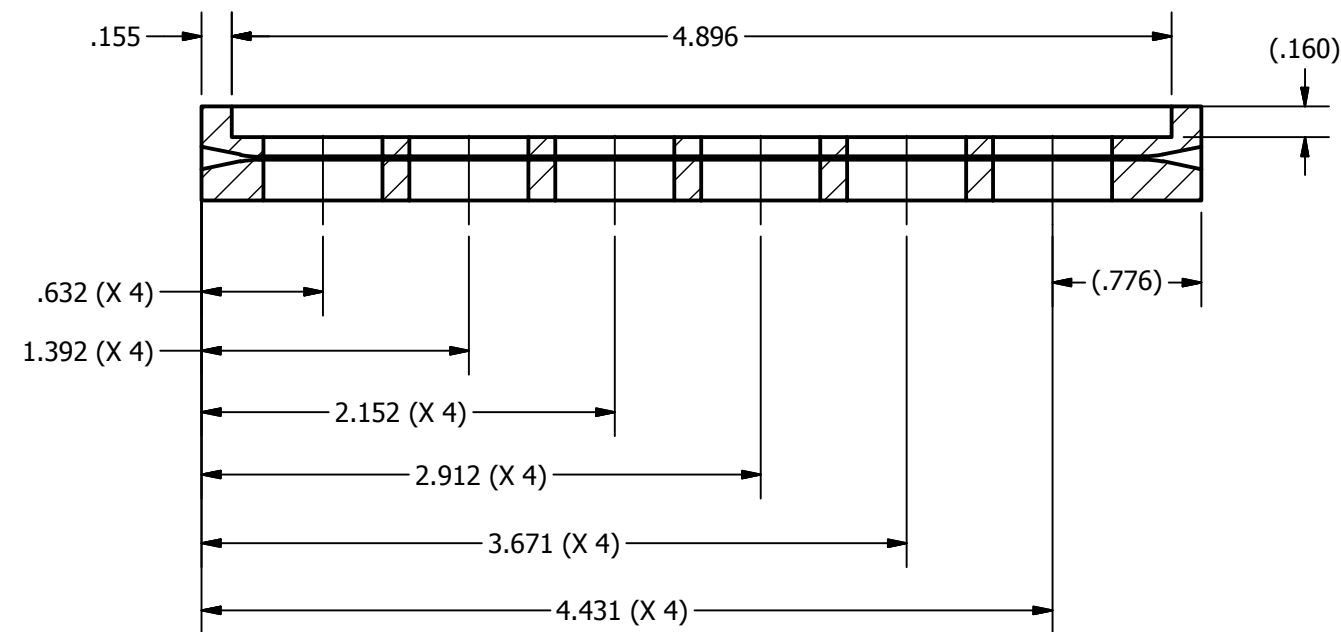
GENERAL NOTES:

- 1. MATERIAL: VERO WHITE
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
- 5. DEBURR AND BREAK ALL SHARP EDGES, MAX 0.010" (UNLESS SPECIFIED OTHERWISE)
- 6. PARTS ARE TO BE CLEAN AND FREE OF OIL, GREASE, AND OTHER CONTAMINANTS
- 7. DIMENSIONS INCLUDE CHEMICALLY APPLIED FINISHES IF APPLICABLE

ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



VIEW C-C



SECTION B-B

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 X.XX ± 0.010
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 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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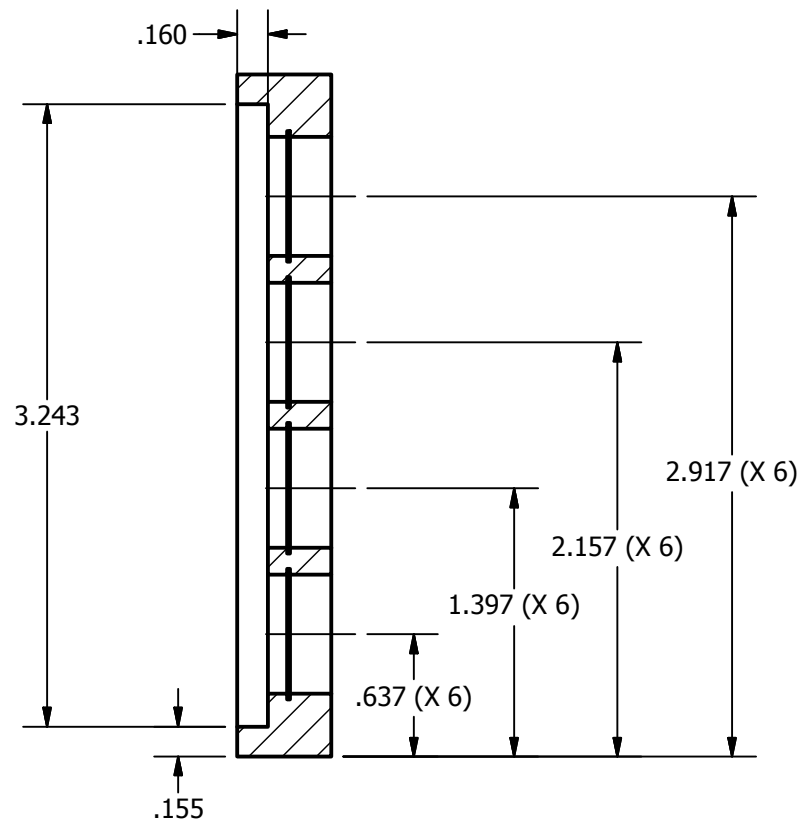
HHMI
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HHMI
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 research campus

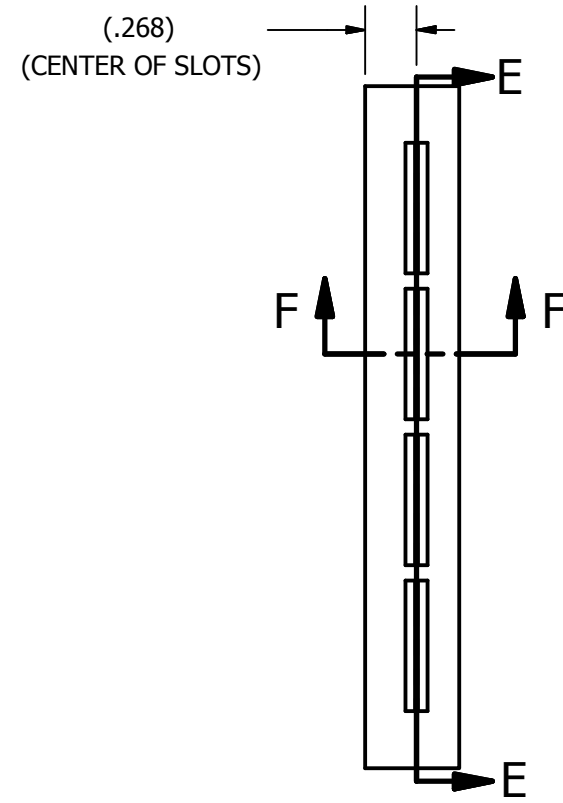
24 CHAMBER COMPARTMENTS.ipt

SIZE C	PART NUMBER 24 CHAMBER	REV	SHEET 1 OF 2
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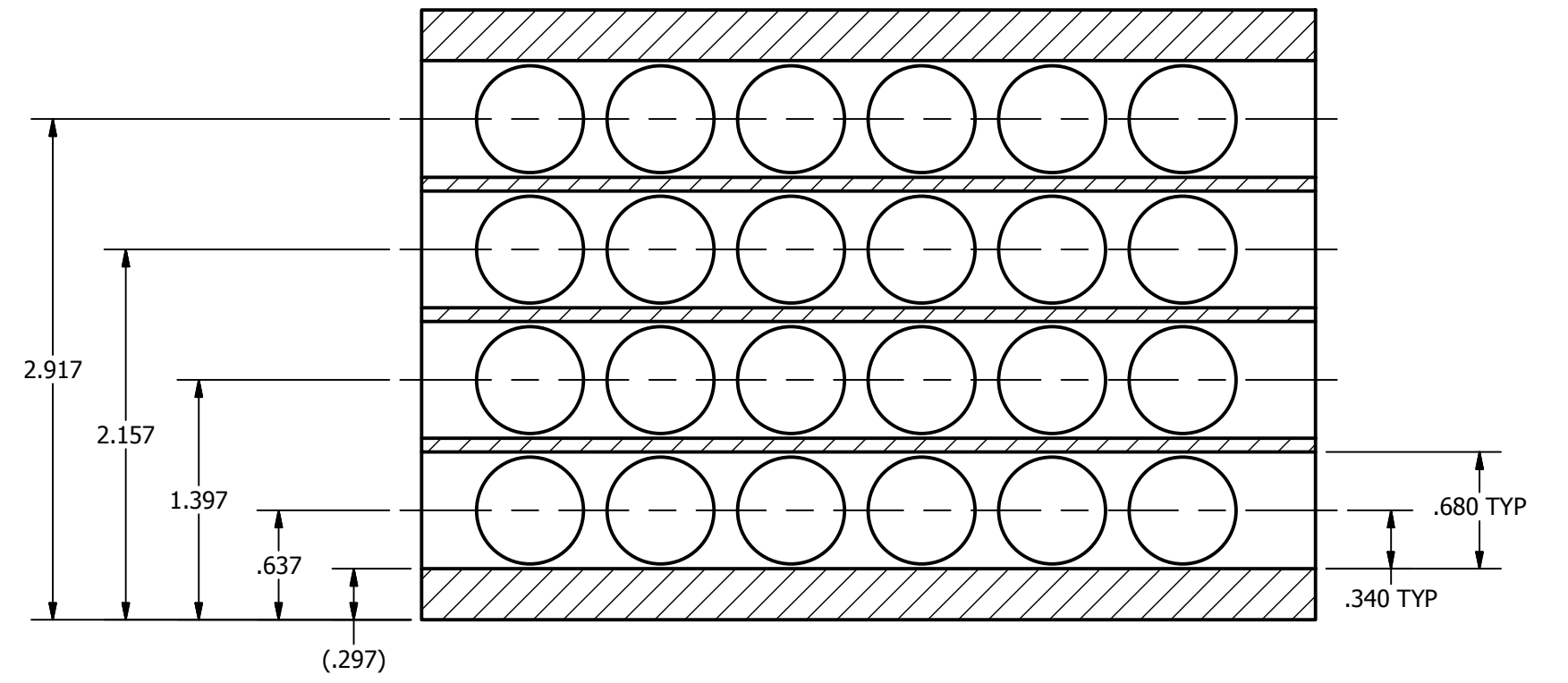
COMPARTMENTS



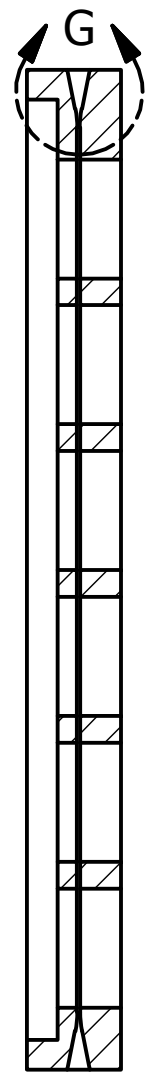
SECTION A-A



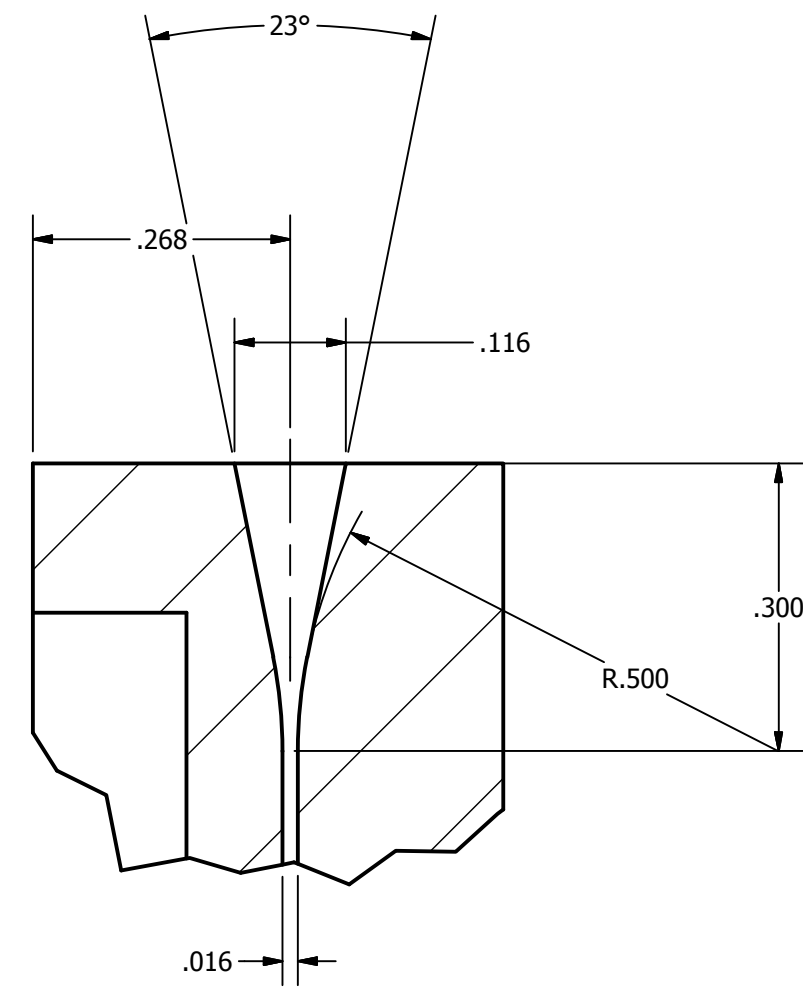
VIEW D-D



SECTION E-E



SECTION F-F



DETAIL G
TYP FOR 4 SLOTS
SCALE 5:1

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 X.XXXX ± 0.0005
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24 CHAMBER COMPARTMENTS.ipt

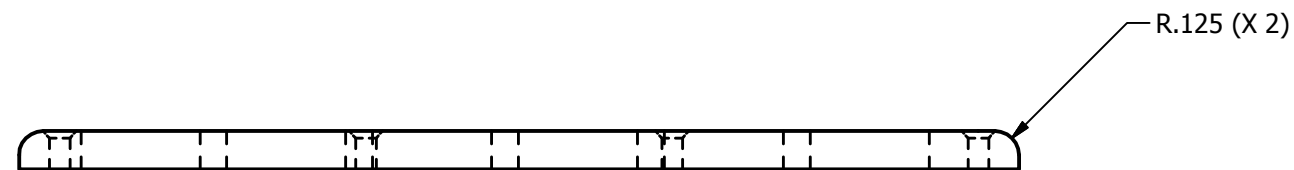
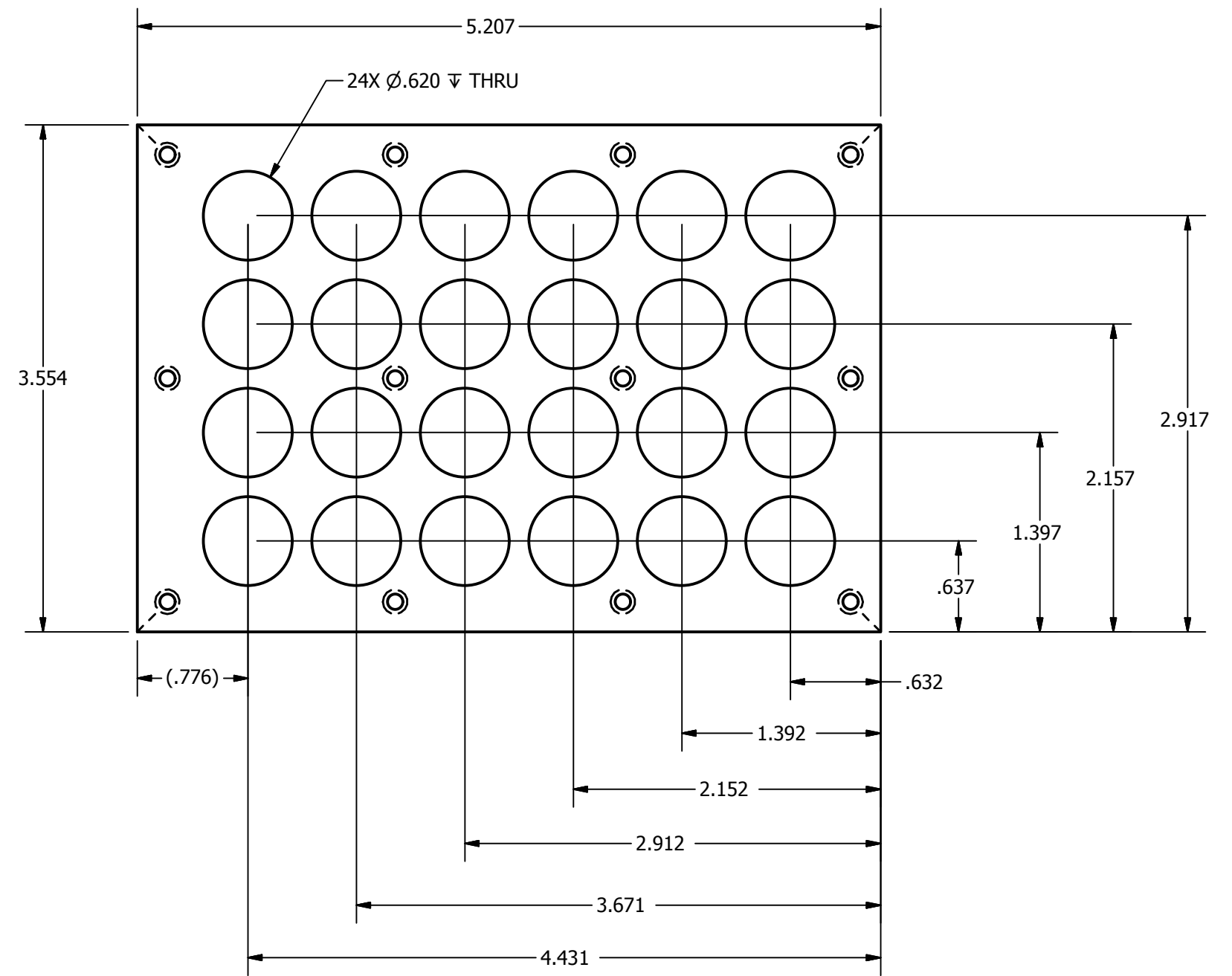
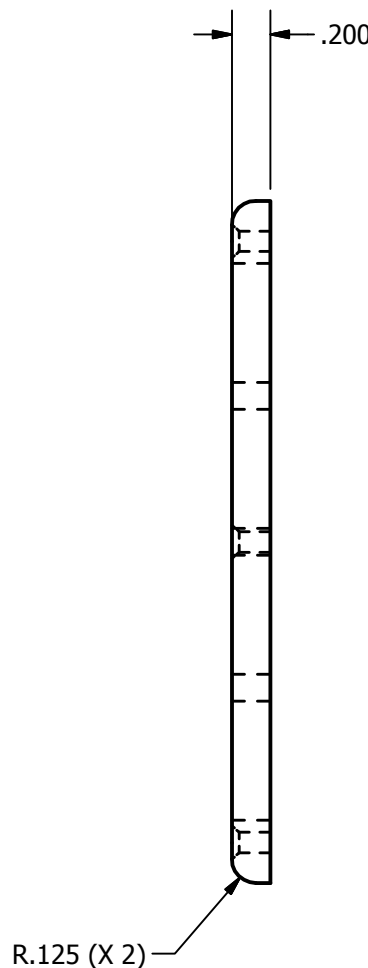
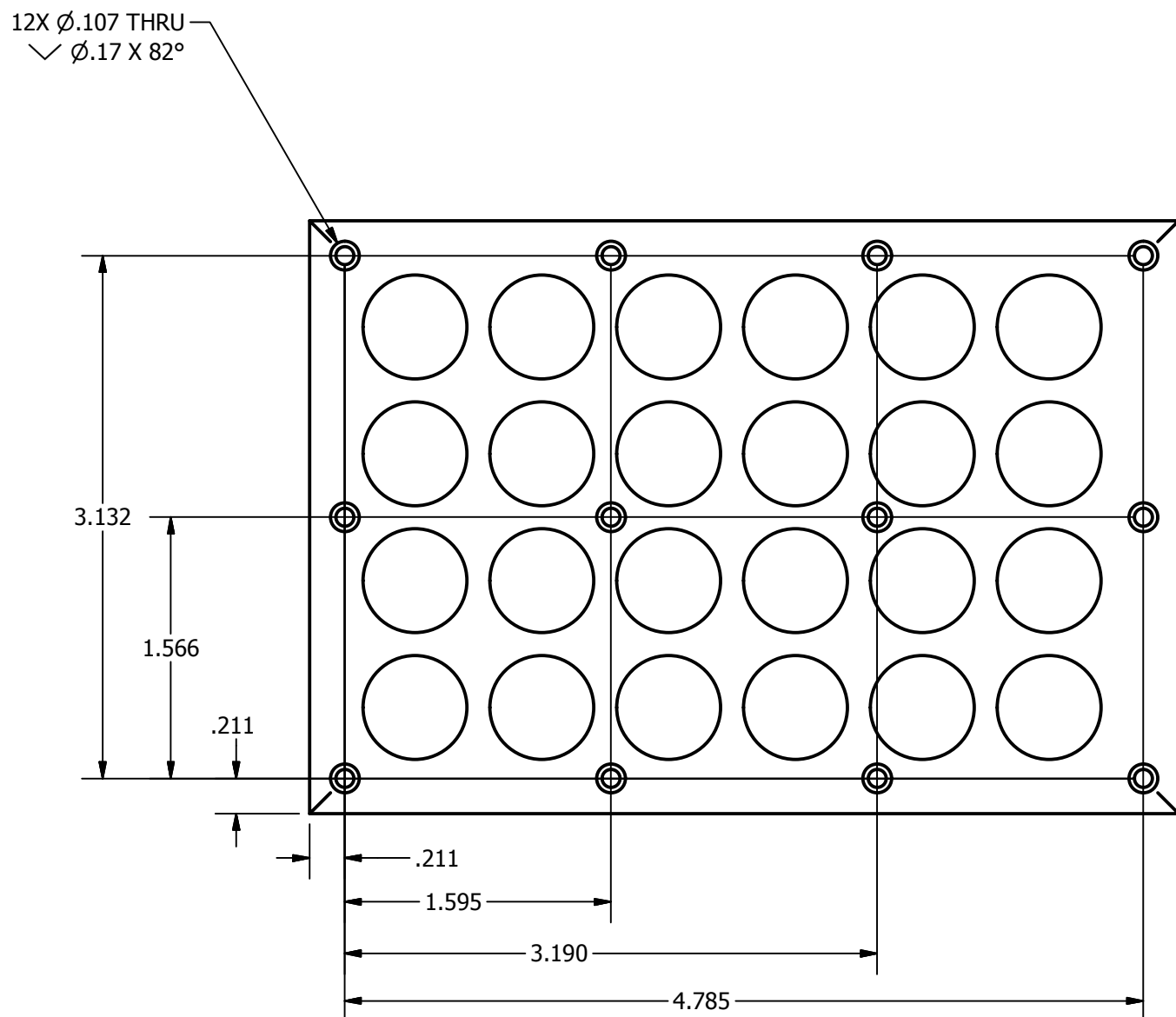
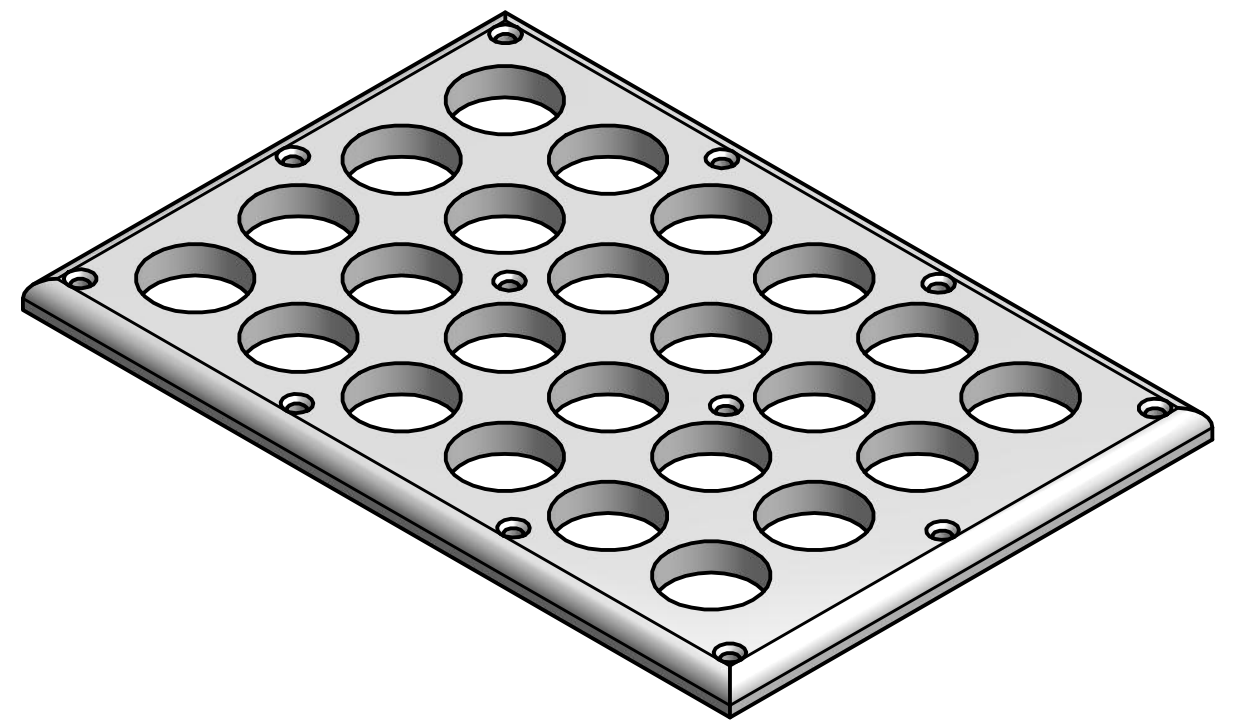
SIZE C	PART NUMBER 24 CHAMBER	REV	SHEET 2 OF 2
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COMPARTMENTS

GENERAL NOTES:

- 1. MATERIAL: VERO WHITE
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
- 5. DEBURR AND BREAK ALL SHARP EDGES, MAX 0.010" (UNLESS SPECIFIED OTHERWISE)
- 6. PARTS ARE TO BE CLEAN AND FREE OF OIL, GREASE, AND OTHER CONTAMINANTS
- 7. DIMENSIONS INCLUDE CHEMICALLY APPLIED FINISHES IF APPLICABLE

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X.XX ± 0.010
X.XXX ± 0.005
X.XXXX ± 0.0005
ANGULAR ± 0.5 DEG

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24 CHAMBER SCREEN HOLDER.ipt

SIZE C	PART NUMBER 24 CHAMBER SCREEN	REV	SHEET 1 OF 1
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HOLDER 1

4

3

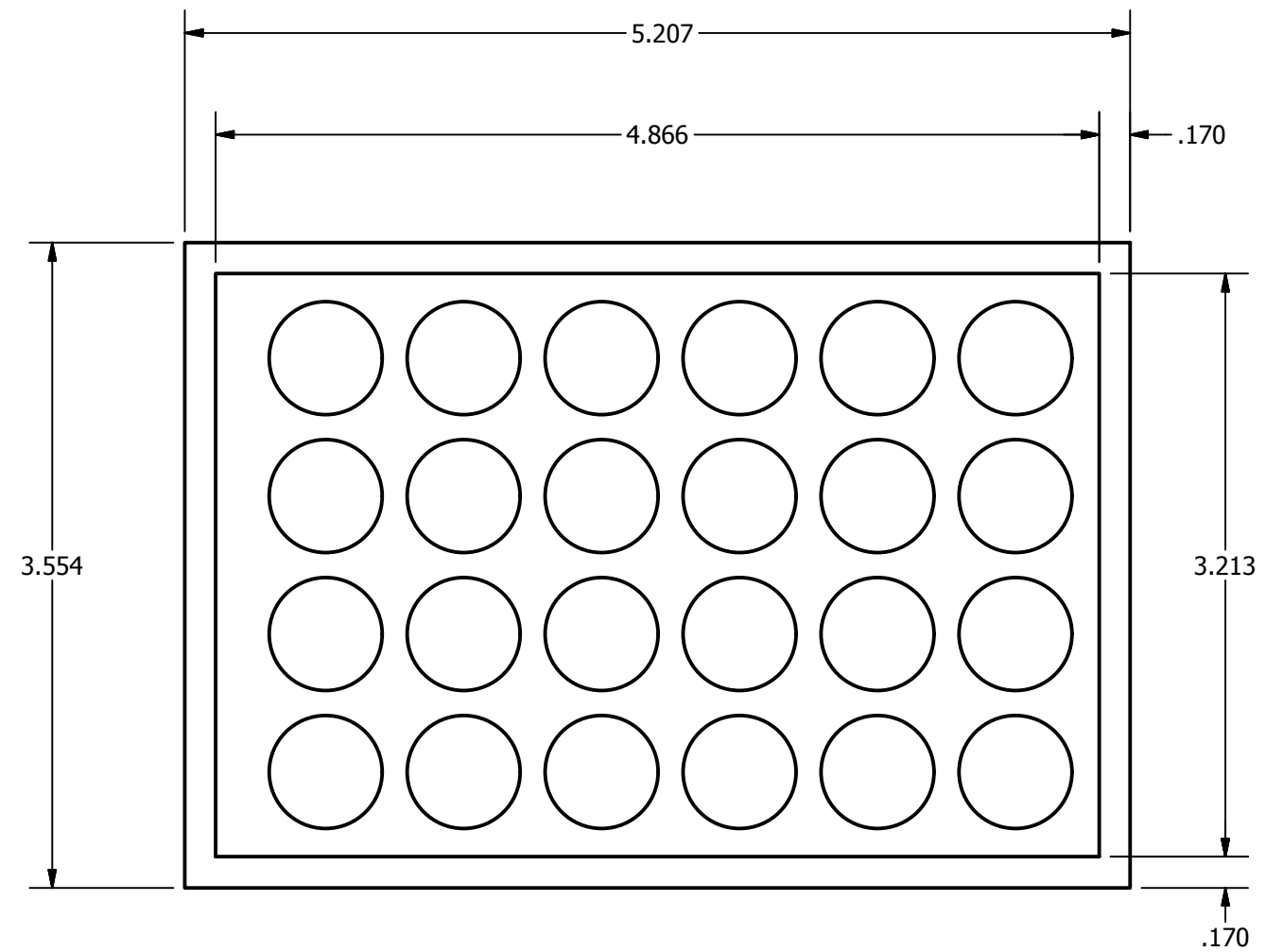
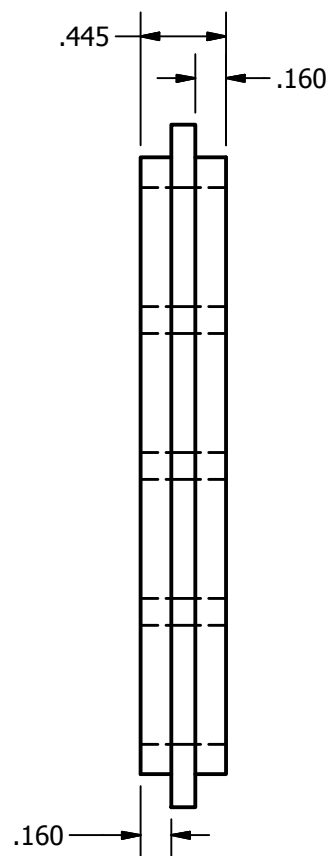
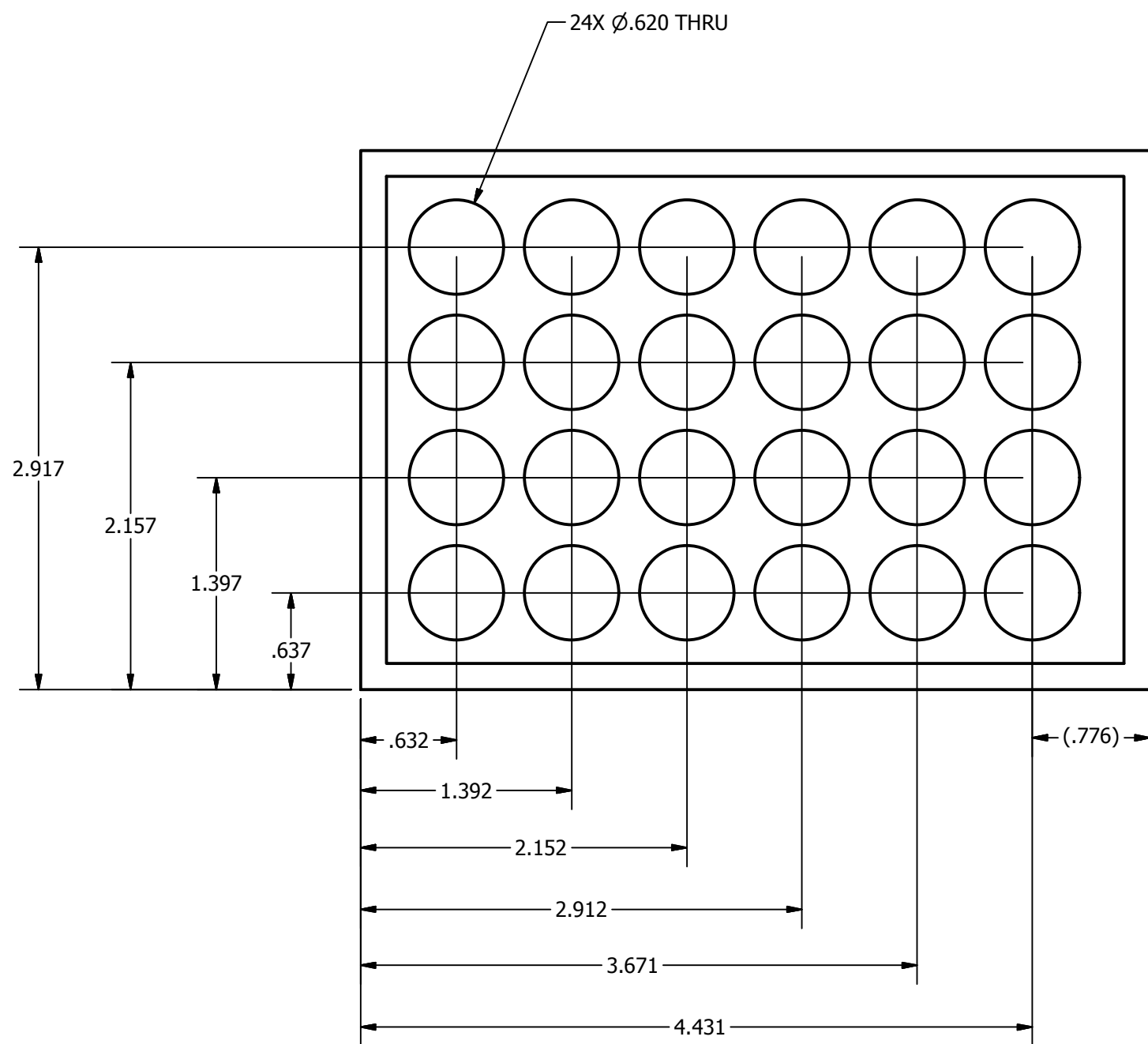
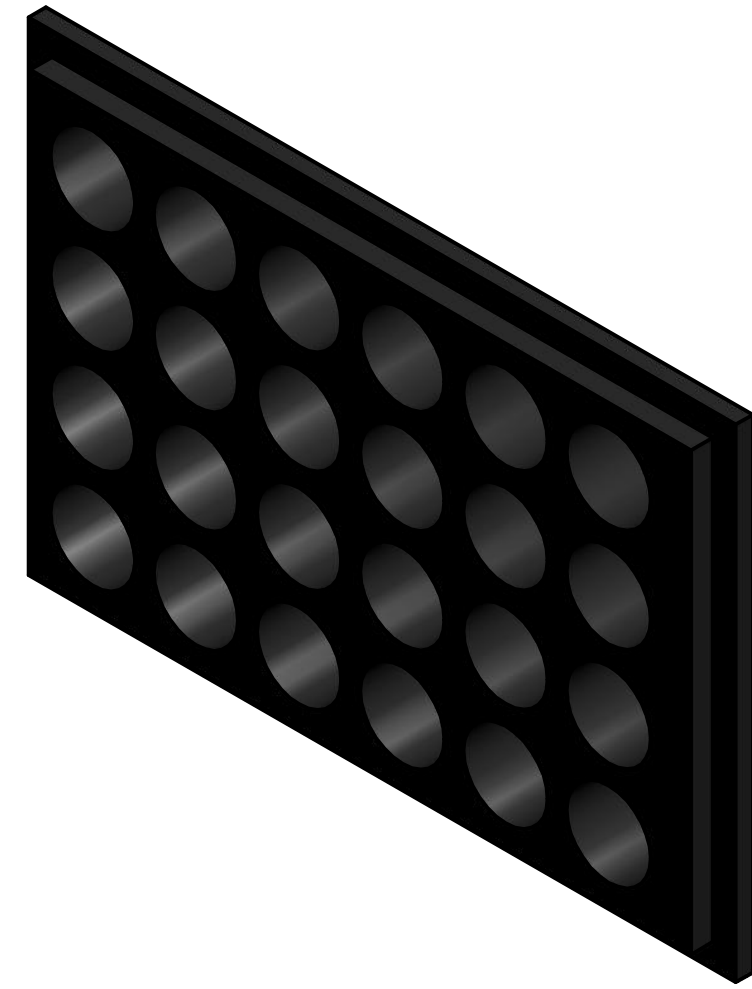
2

1

GENERAL NOTES:

- 1. MATERIAL: VERO, WHITE
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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 THIRD ANGLE PROJECTION:

 HOWARD HUGHES MEDICAL INSTITUTE			
24 CHAMBER ADAPTER.ipt			
SIZE C	PART NUMBER 24 CHAMBER ADAPTER	REV	SHEET 1 OF 1

4

3

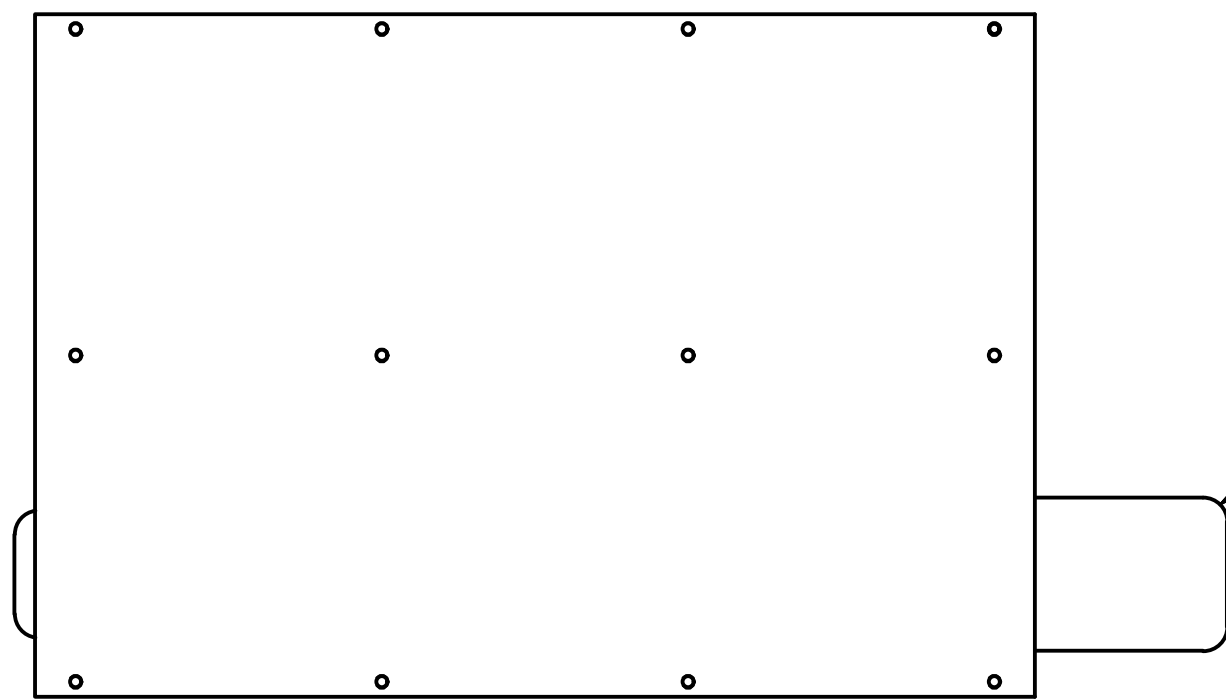
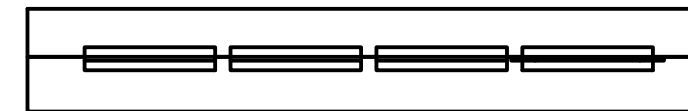
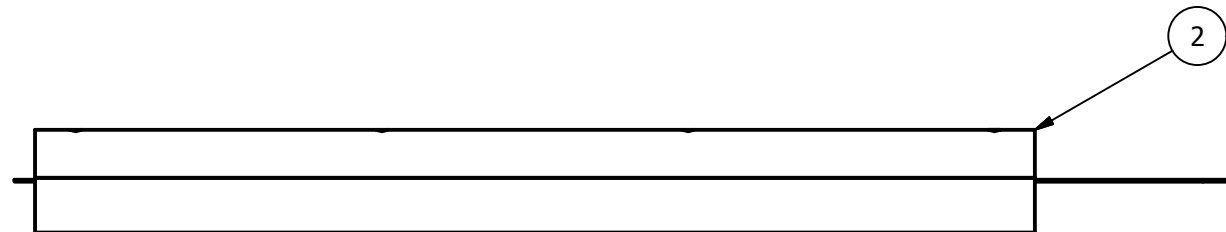
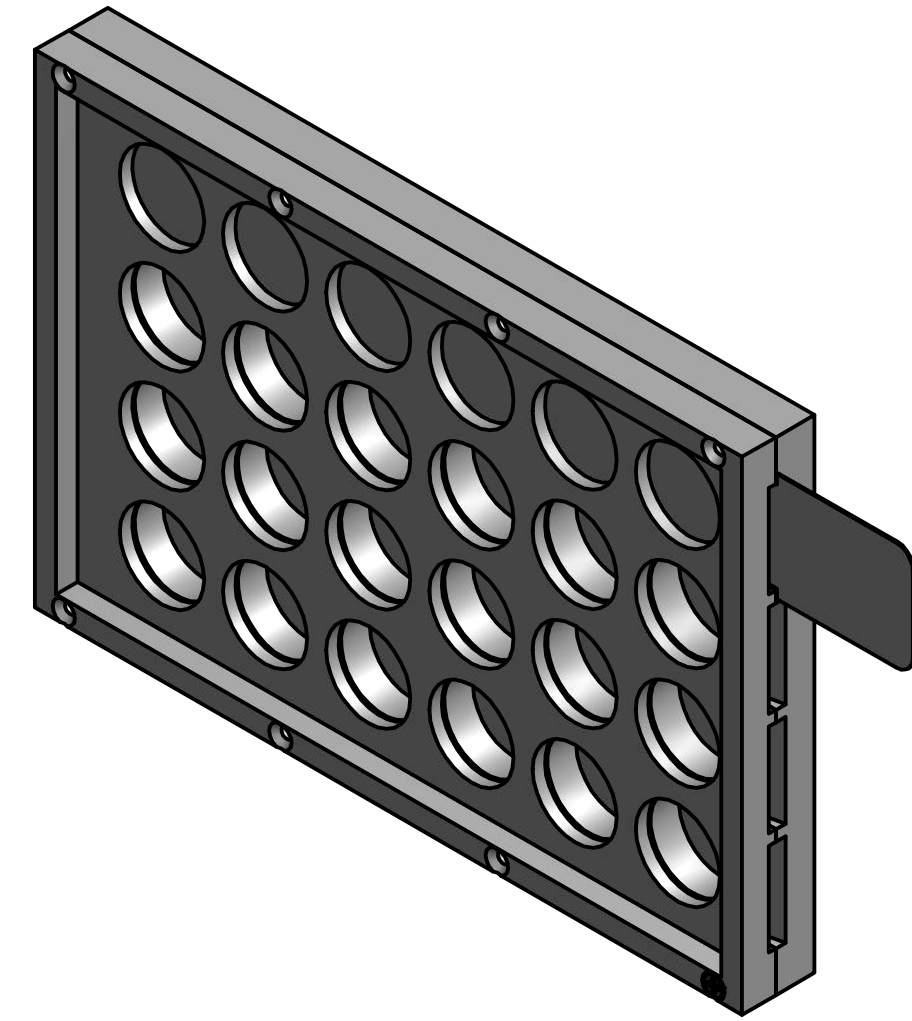
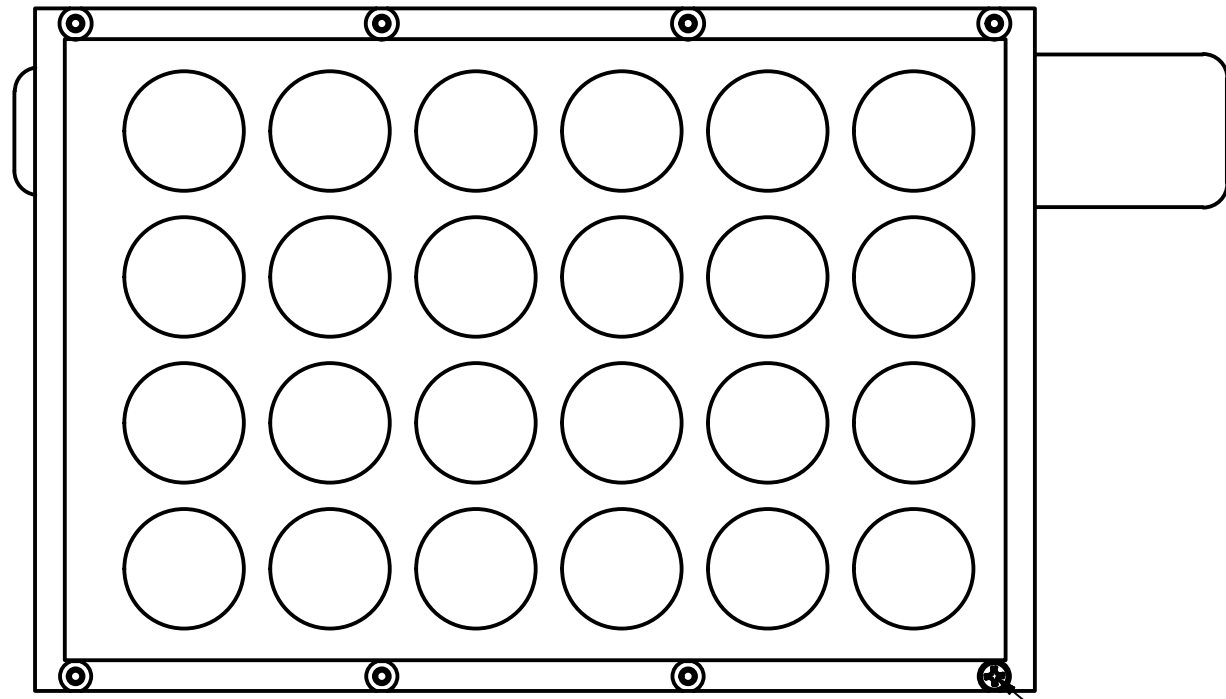
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1

GENERAL NOTES:

- 1. MATERIAL: (SEE PARTS LIST)
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



4

2

1

3

ITEM	QTY	FILE NAME	REV	PART NUMBER	DESCRIPTION
1	1	24 Chamber Baseplate.ipt			24 Chamber Baseplate
2	1	24 Chamber Baseplate Cover.ipt			24 Chamber Baseplate Cover
3	1	24 CHAMBER PARTITION SLIDE - SINGLE.ipt			24 Chamber Partition Slide-Single
4	12	McMaster-Carr 91771A168.ipt		McMaster-Carr 91771A168	
PARTS LIST					

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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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 THIRD ANGLE PROJECTION:

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24-well aluminum chamber assembly

SIZE	PART NUMBER	REV	SHEET
C		0	1 OF 1

4

3

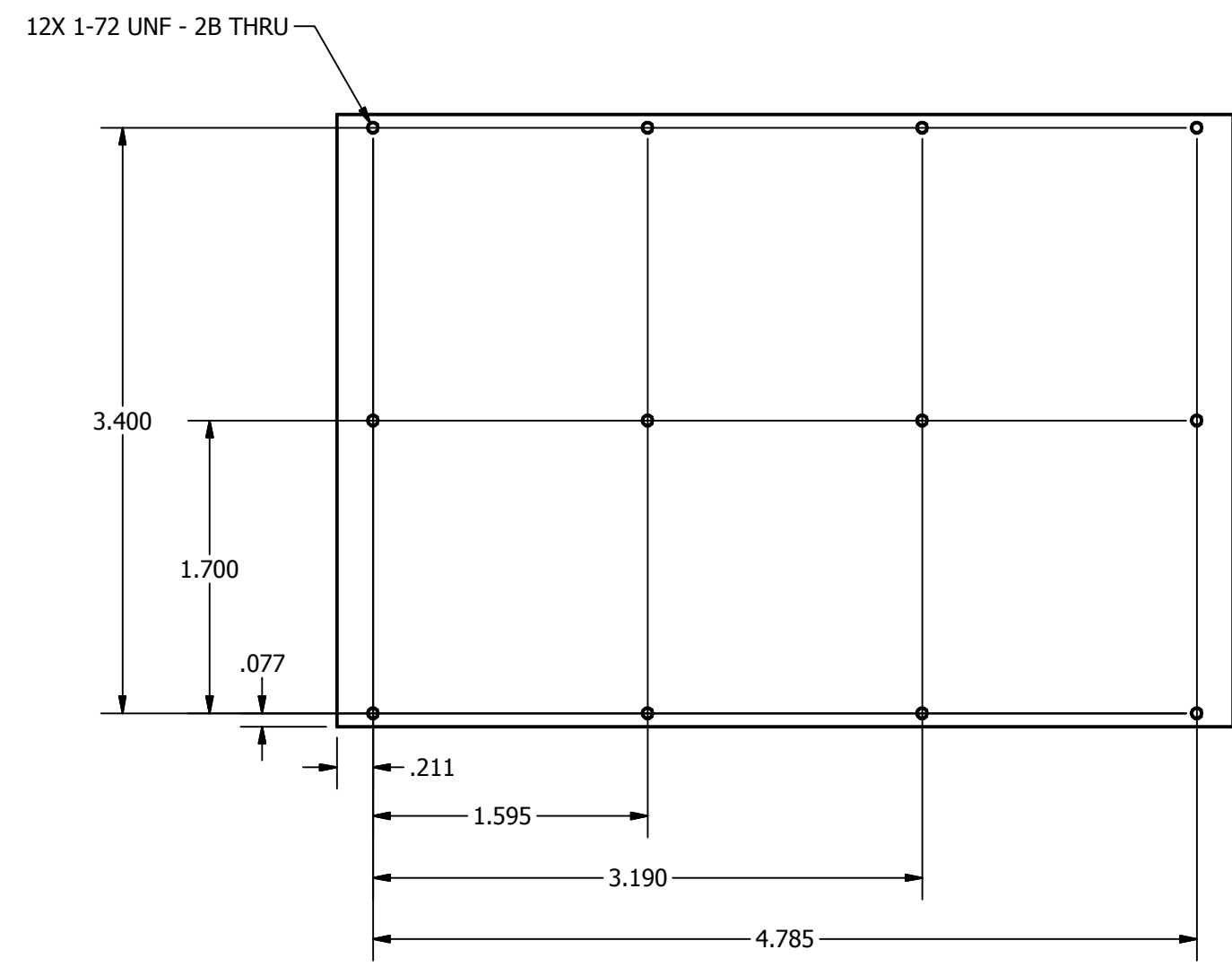
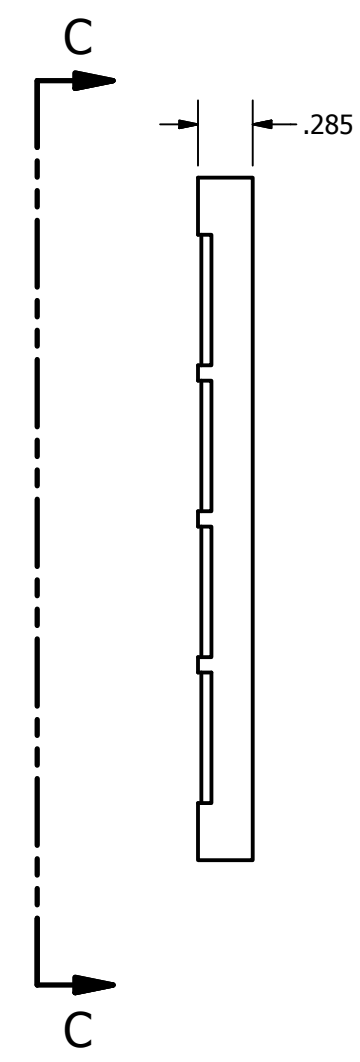
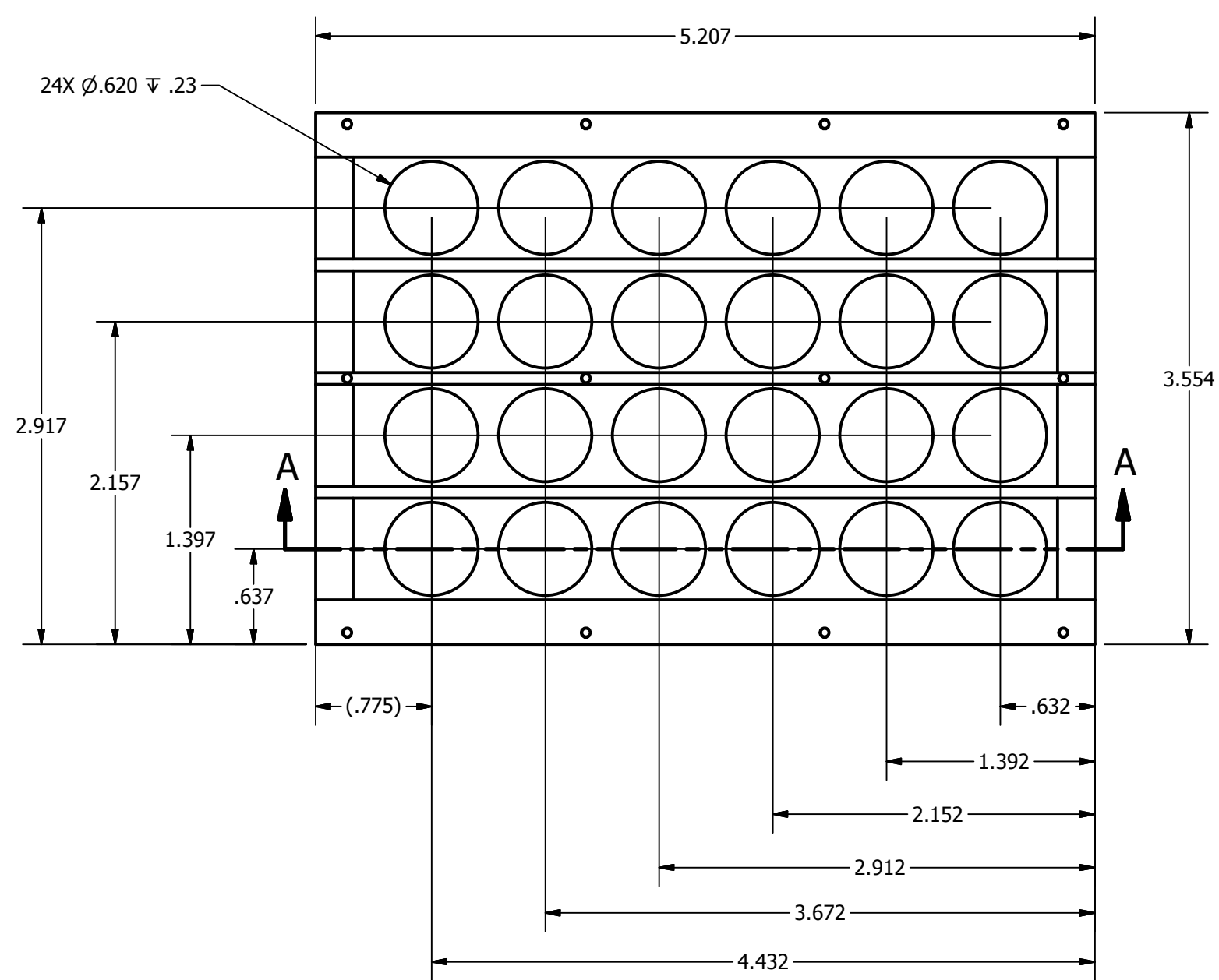
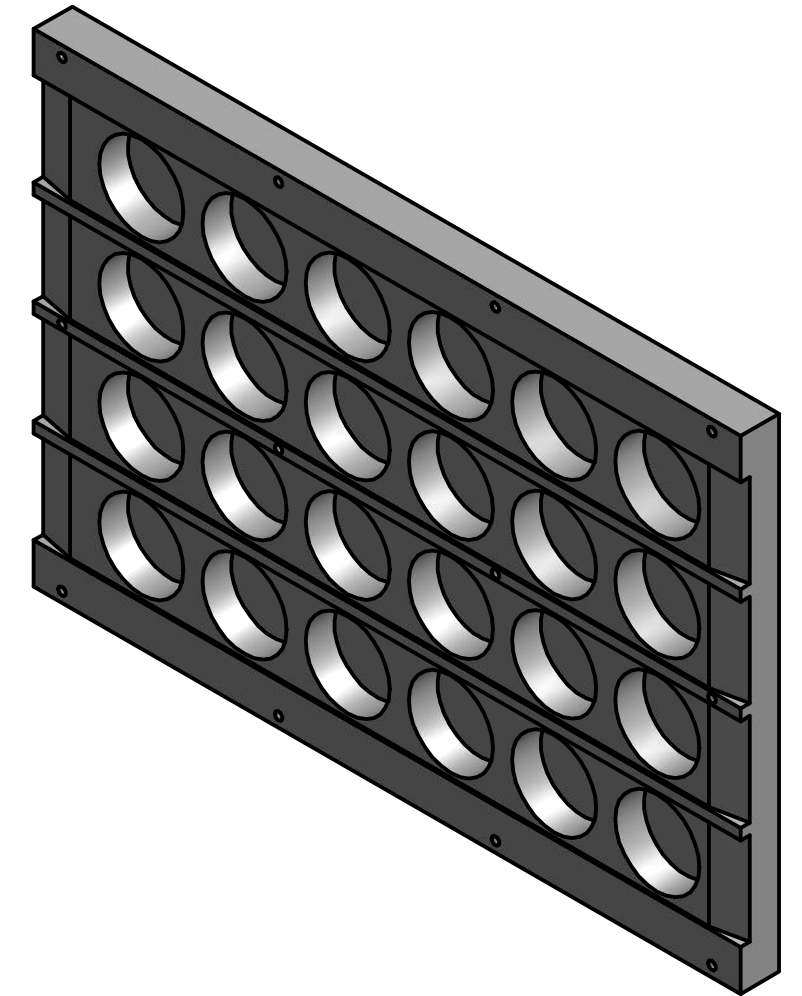
2

1

GENERAL NOTES:

- 1. MATERIAL: ALUMINUM
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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 THIRD ANGLE PROJECTION:

 HOWARD HUGHES MEDICAL INSTITUTE			
<h3>24 Chamber Baseplate.ipt</h3>			
SIZE	PART NUMBER	REV	SHEET
C	1	0	1 OF 2

4

3

2

1

D

D

C

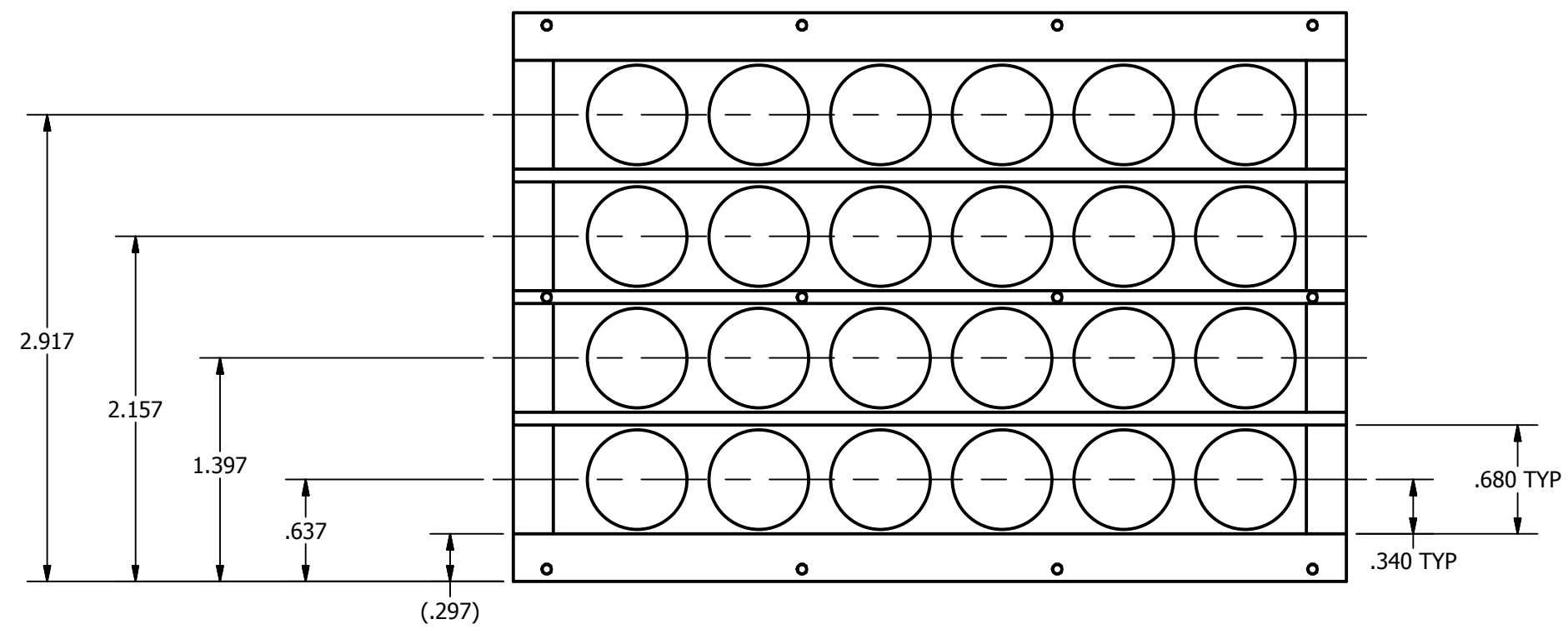
C

B

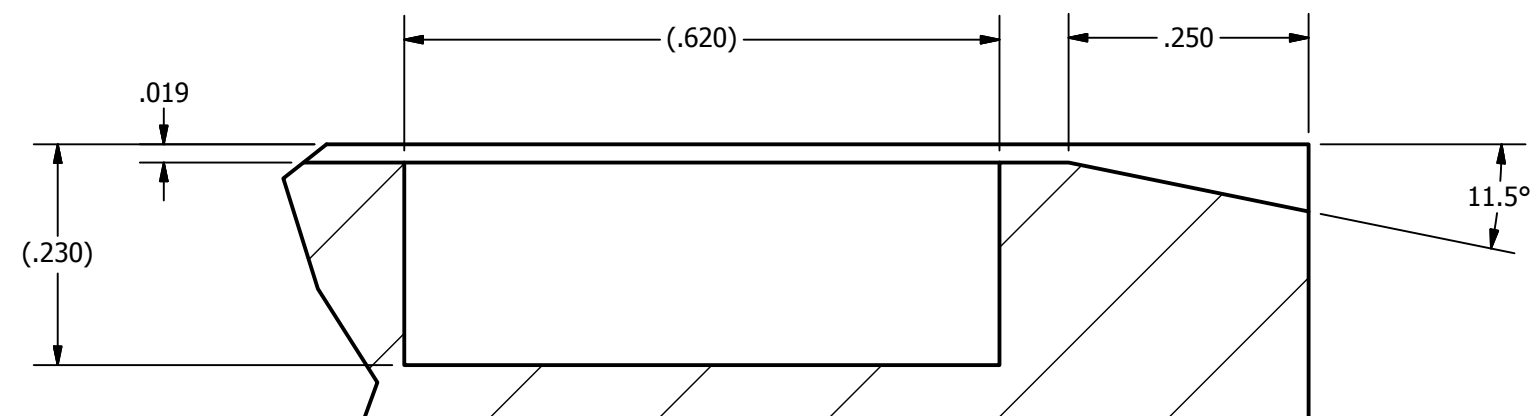
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A

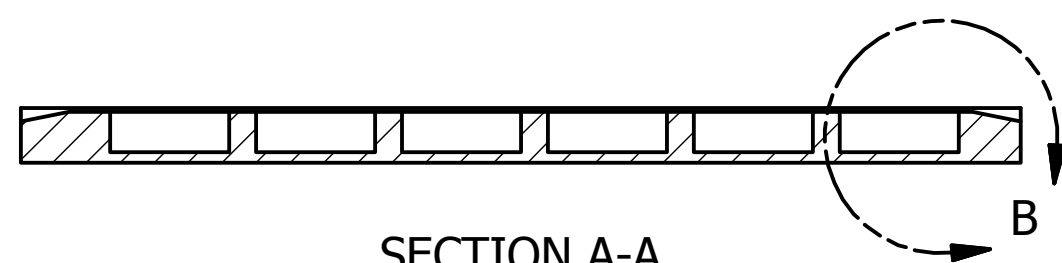
A



VIEW C-C



DETAIL B
TYP FOR 4 SLOTS
SCALE 5:1



SECTION A-A

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 ANGULAR ± 0.5 DEG

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<h3>24 Chamber Baseplate.ipt</h3>			
SIZE	PART NUMBER	REV	SHEET
C		0	2 OF 2

4

3

2

1

4

4

3

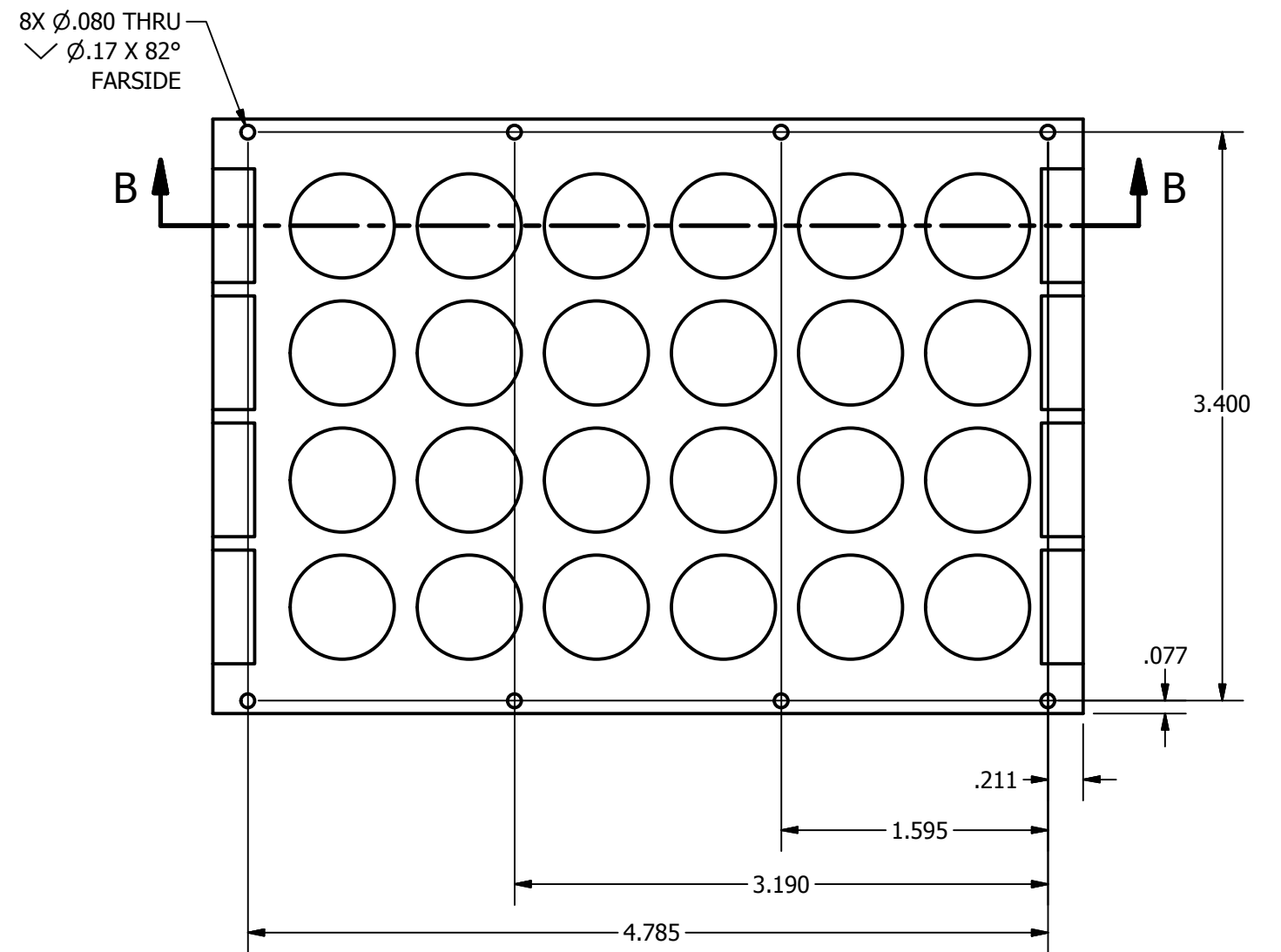
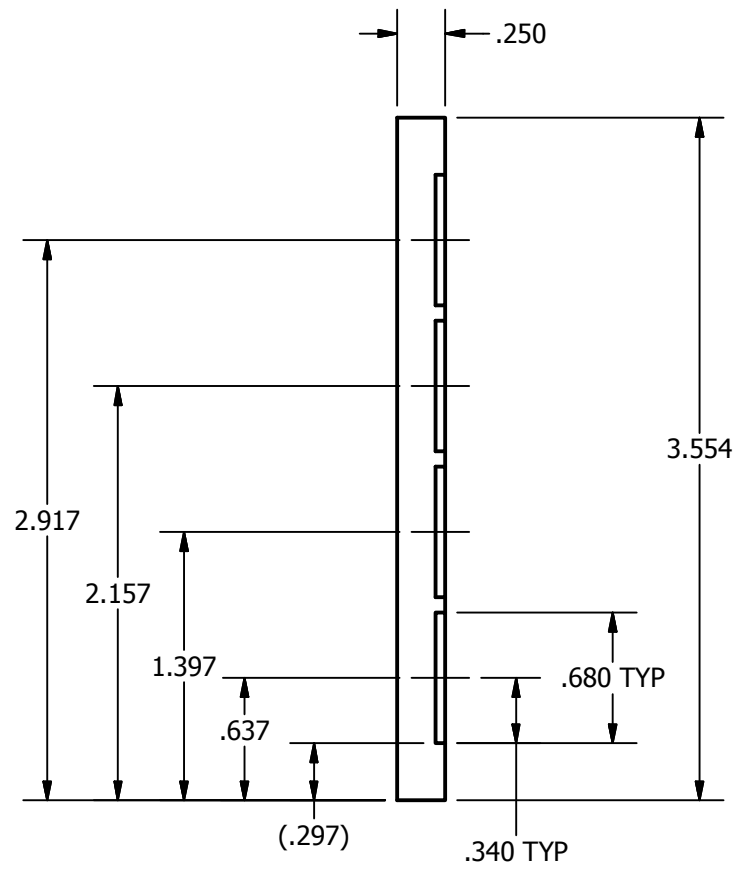
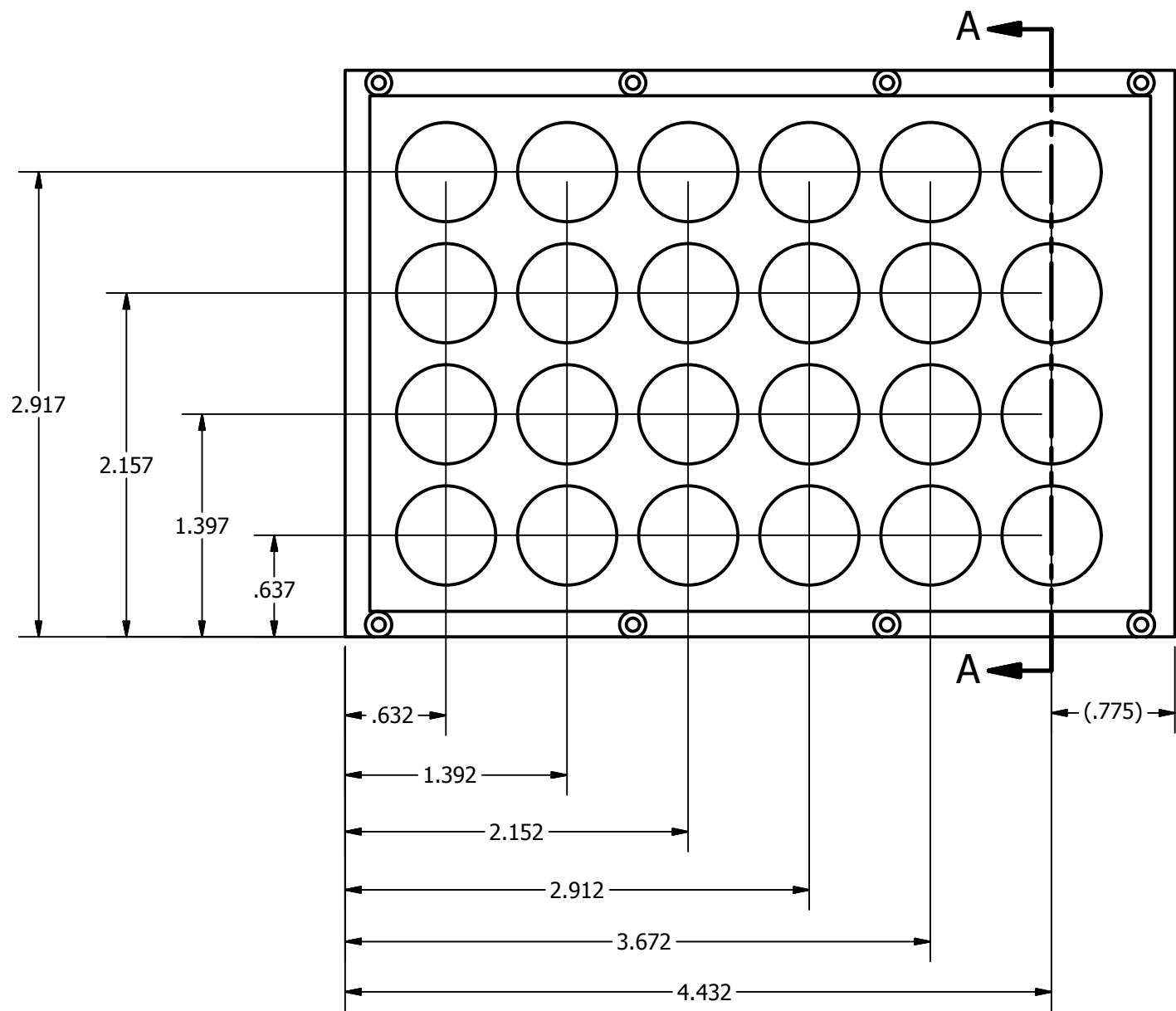
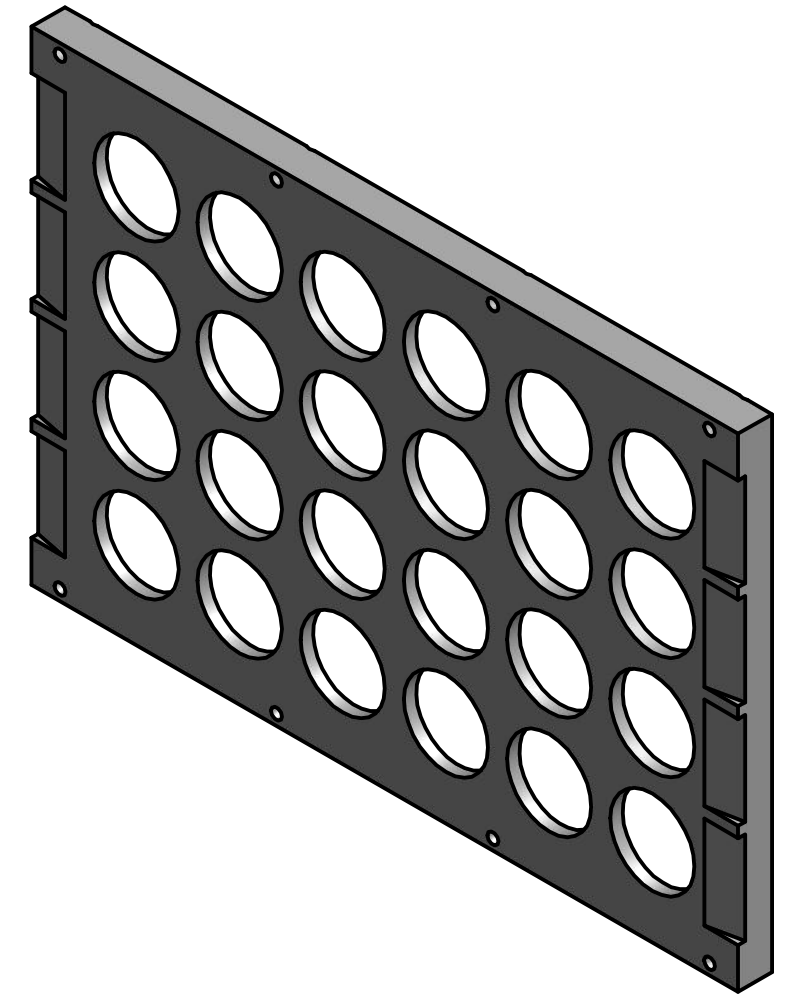
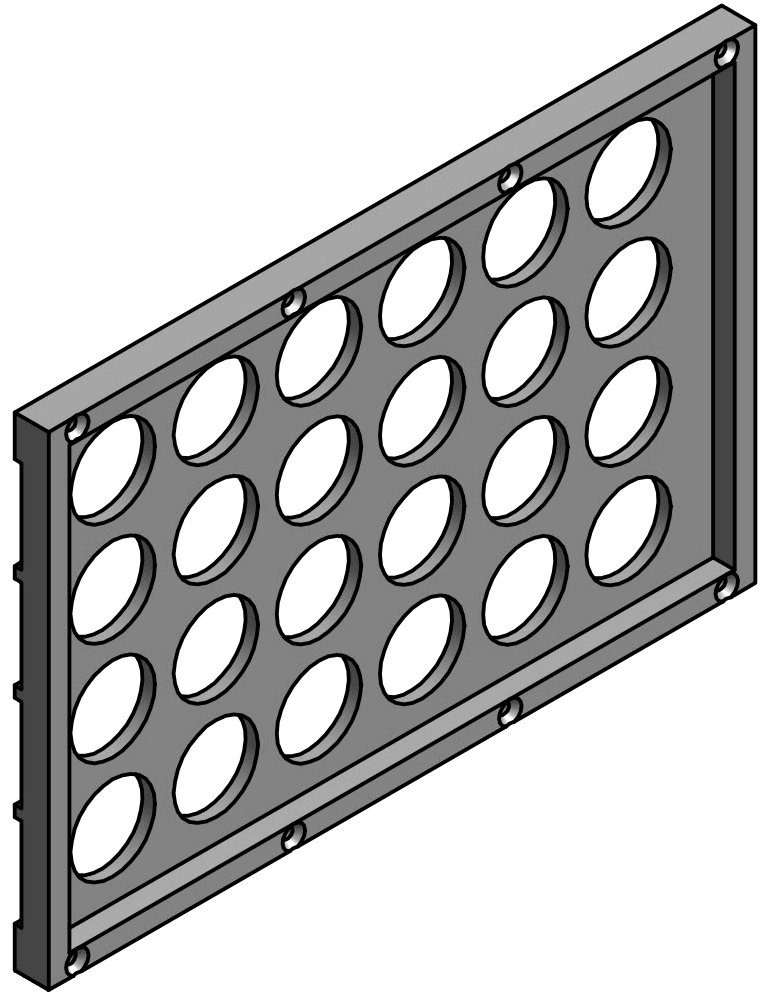
2

1

GENERAL NOTES:

- 1. MATERIAL: VERO CLEAR
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
- 5. DEBURR AND BREAK ALL SHARP EDGES, MAX 0.010" (UNLESS SPECIFIED OTHERWISE)
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- 7. DIMENSIONS INCLUDE CHEMICALLY APPLIED FINISHES IF APPLICABLE

ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



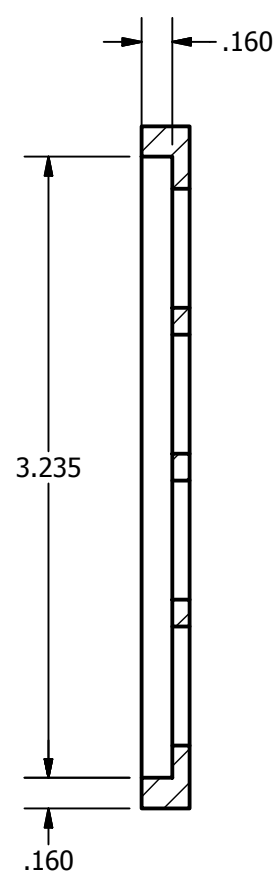
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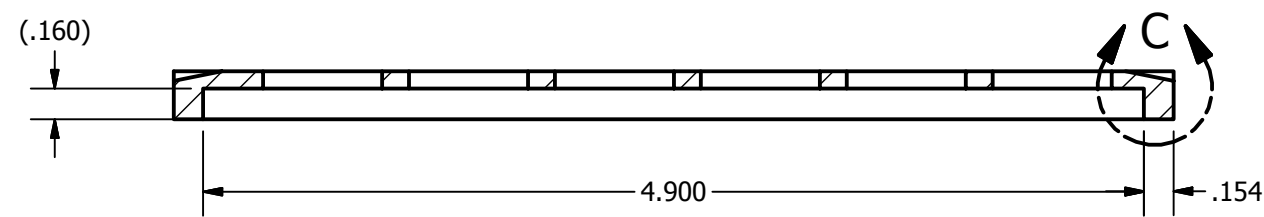
PRIMARY TOLERANCES:
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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

- DO NOT SCALE DRAWING -
 THIRD ANGLE PROJECTION:

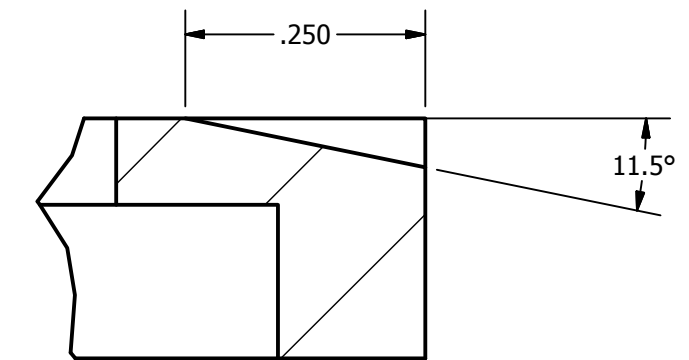
 HOWARD HUGHES MEDICAL INSTITUTE			
<h3>24 Chamber Baseplate Cover.ipt</h3>			
SIZE	PART NUMBER	REV	SHEET
C	1	0	1 OF 2



SECTION A-A



SECTION B-B



DETAIL C
TYP 8 PLCS

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[SECONDARY UNITS]: MILLIMETERS

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 X.X ± 0.020
 X.XX ± 0.010
 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

- DO NOT SCALE DRAWING -
THIRD ANGLE PROJECTION:

<p>24 Chamber Baseplate Cover.ipt</p>			
SIZE	PART NUMBER	REV	SHEET
C		0	2 OF 2

4

3

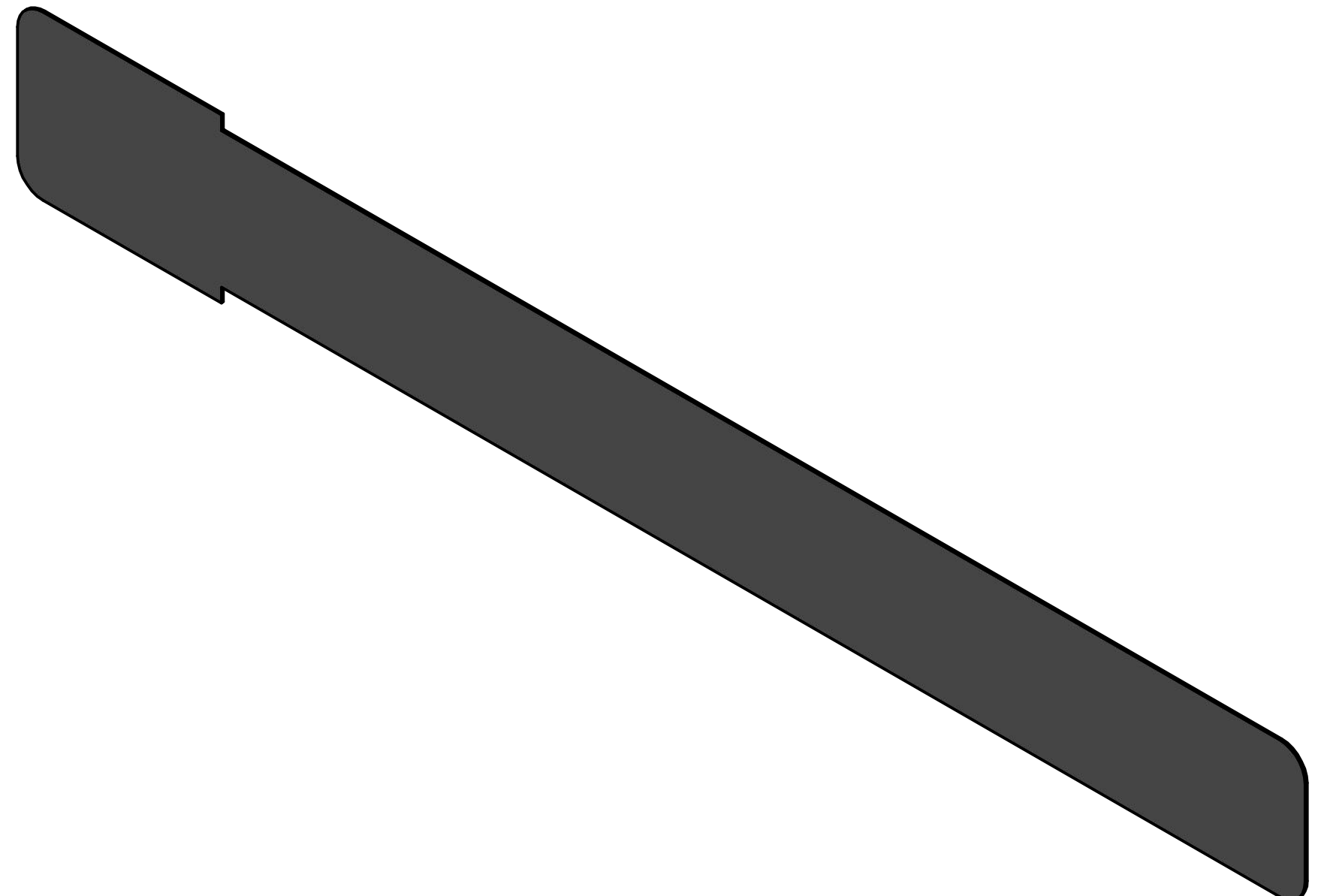
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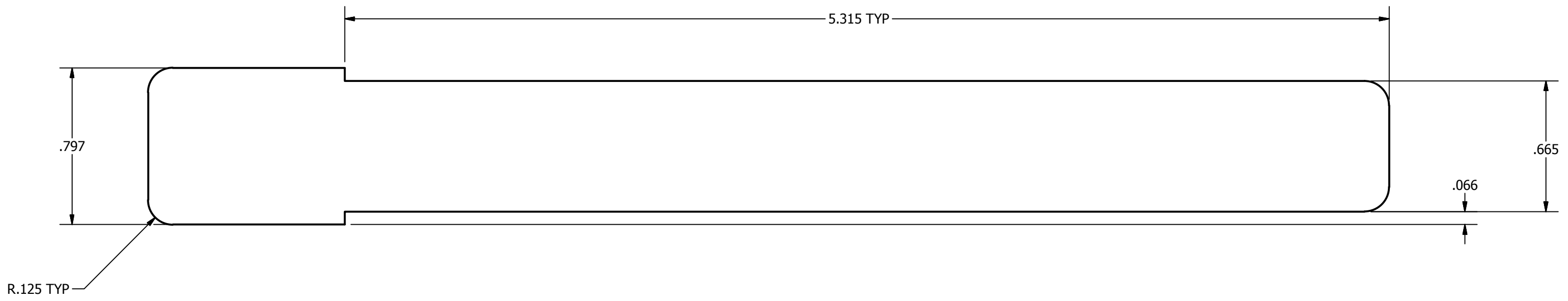
GENERAL NOTES:

- 1. MATERIAL: STAINLESS STEEL SHIM STOCK
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
- 5. DEBURR AND BREAK ALL SHARP EDGES, MAX 0.010" (UNLESS SPECIFIED OTHERWISE)
- 6. PARTS ARE TO BE CLEAN AND FREE OF OIL, GREASE, AND OTHER CONTAMINANTS
- 7. DIMENSIONS INCLUDE CHEMICALLY APPLIED FINISHES IF APPLICABLE

ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



.010



SCALE 2:1

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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

- DO NOT SCALE DRAWING -

THIRD ANGLE PROJECTION:

 HOWARD HUGHES MEDICAL INSTITUTE		24 CHAMBER PARTITION SLIDE - SINGLE.ipt	
		SIZE C	PART NUMBER
REV 0		SHEET 1 OF 1	

4

3

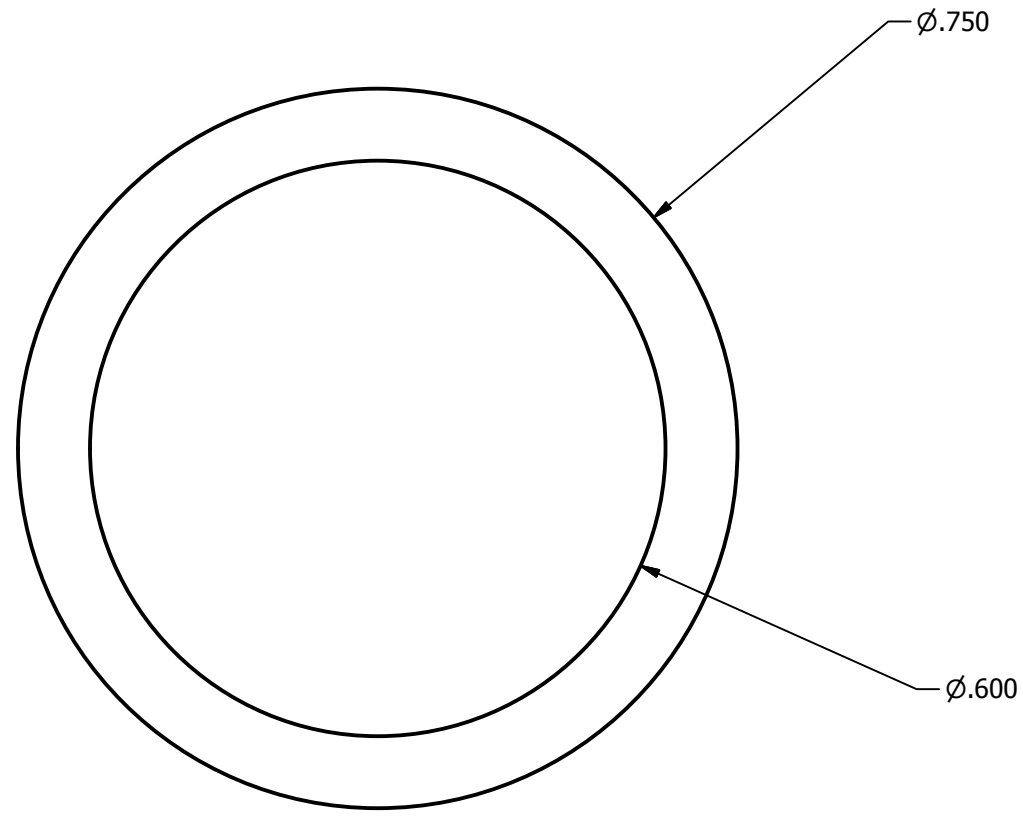
2

1

GENERAL NOTES:

- 1. MATERIAL: CLEAR ACRYLIC
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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 THIRD ANGLE PROJECTION:

HHMI HOWARD HUGHES MEDICAL INSTITUTE

HHMI *janelia farm* research campus

24 CHAMBER VIEWING GLASS.ipt

SIZE C	PART NUMBER 24 CHAMBER VIEWING	REV	SHEET 1 OF 1
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GLASS 1

4

3

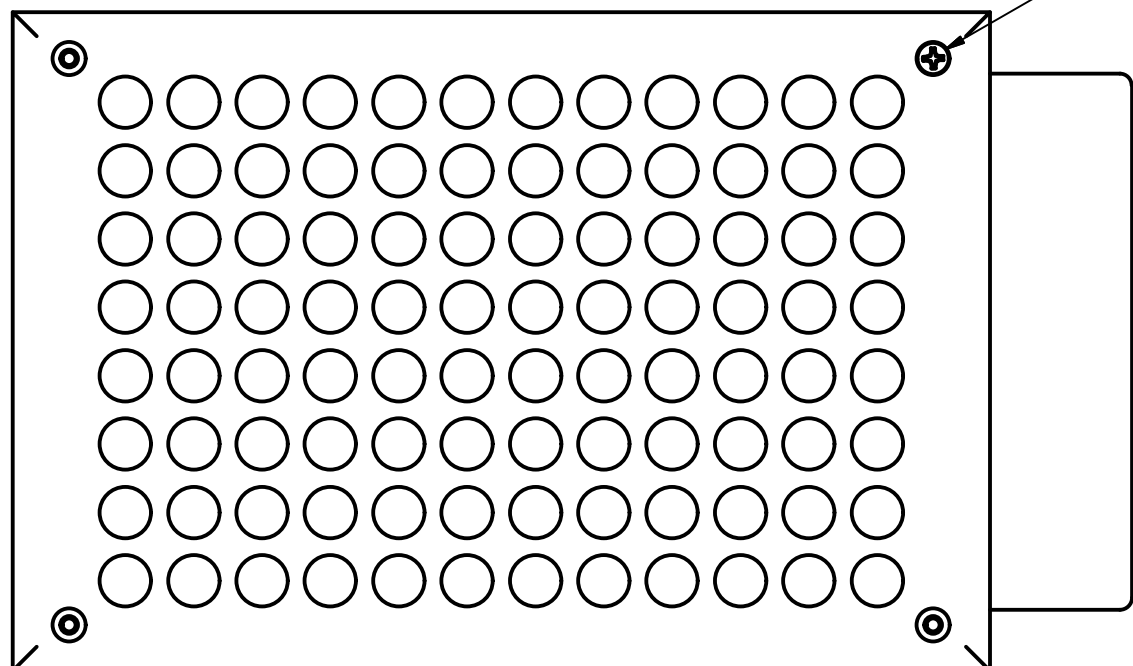
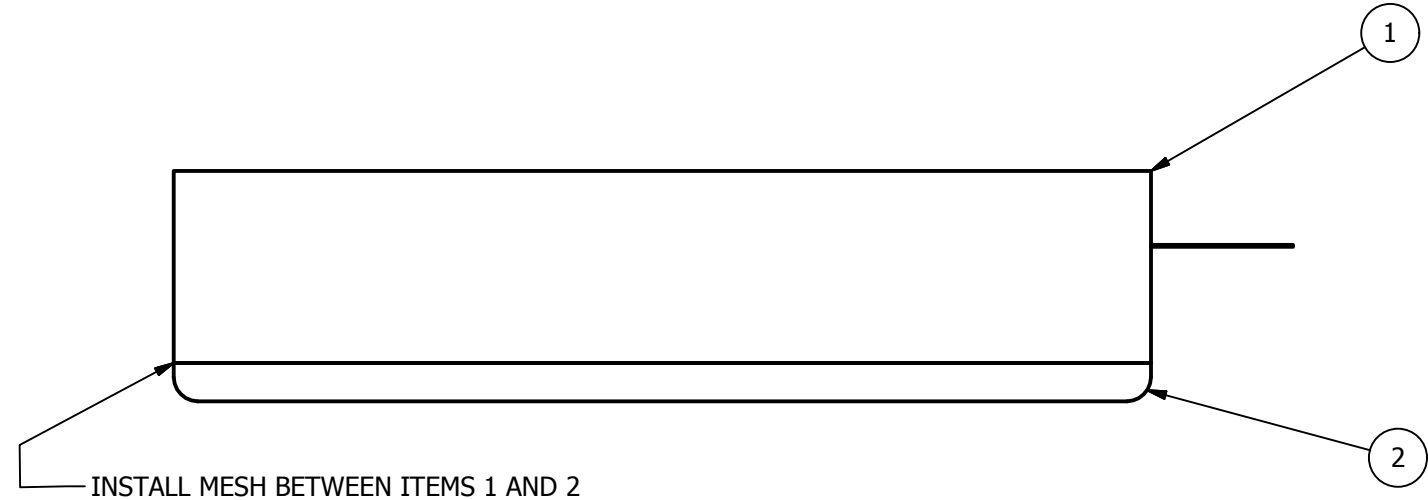
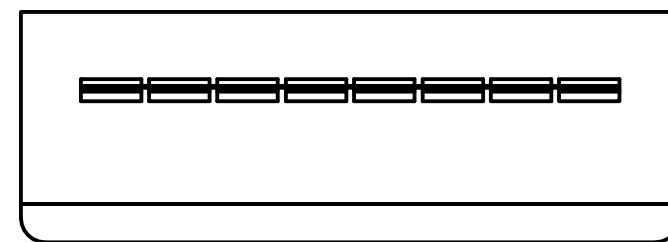
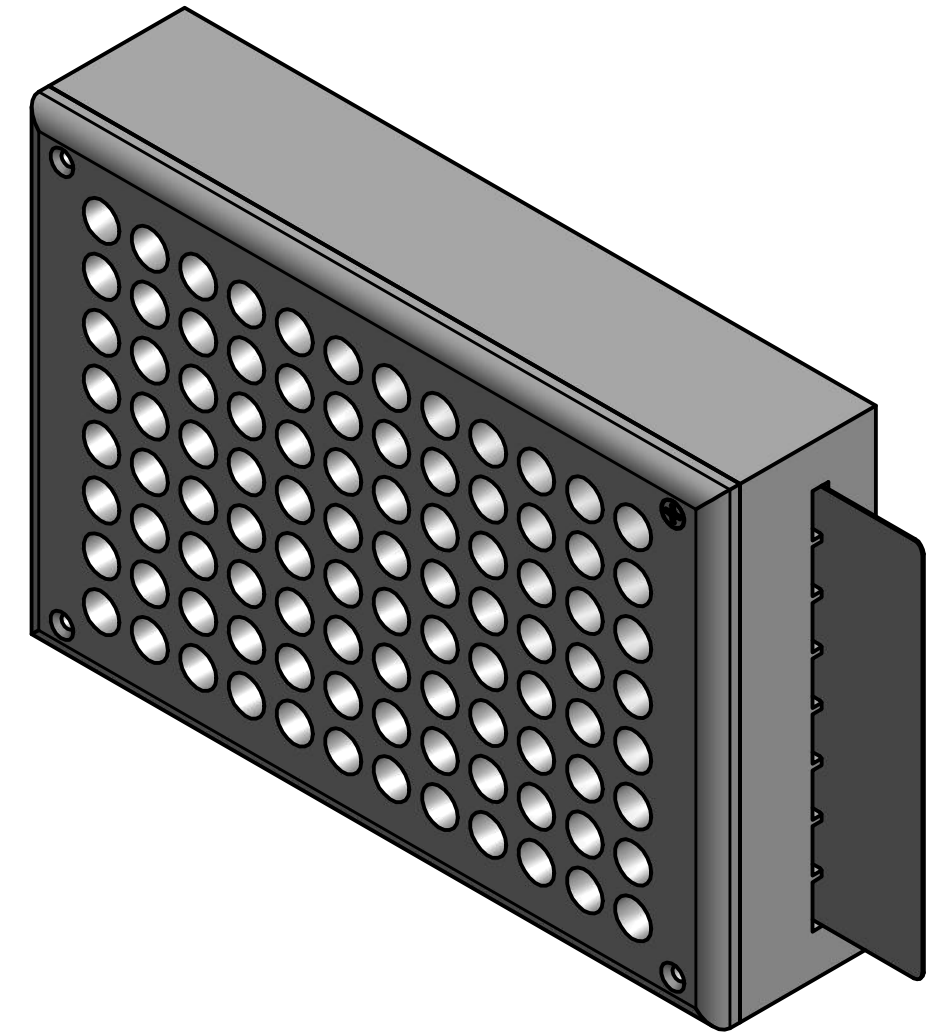
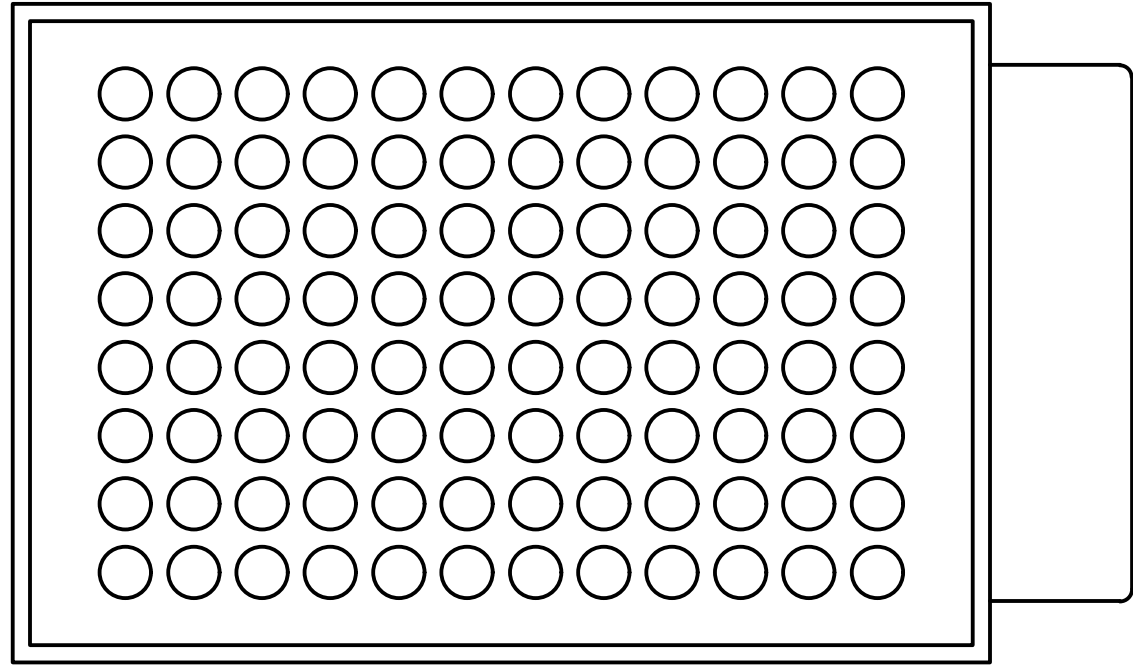
2

1

GENERAL NOTES:

- 1. MATERIAL: (SEE PARTS LIST)
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



ITEM	QTY	FILE NAME	REV	PART NUMBER	DESCRIPTION
1	1	96 CHAMBER COMPARTMENTS.ipt		96 CHAMBER COMPARTMENTS	
2	1	96 CHAMBER SCREEN HOLDER.ipt		96 CHAMBER SCREEN HOLDER	
3	1	96 CHAMBER PARTITION SLIDE.ipt		96 CHAMBER PARTITION SLIDE	
4	4	2-56X5-16 FLATHEAD SCREW.ipt		2-56X5-16 FLATHEAD SCREW	

PARTS LIST

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 X.XX ± 0.010
 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

- DO NOT SCALE DRAWING -
 THIRD ANGLE PROJECTION:

HHMI
HOWARD HUGHES MEDICAL INSTITUTE

HHMI
janelia farm
research campus

96-well chamber assembly

SIZE	PART NUMBER	REV	SHEET
C	1	0	1 OF 1

4

3

2

1

4

3

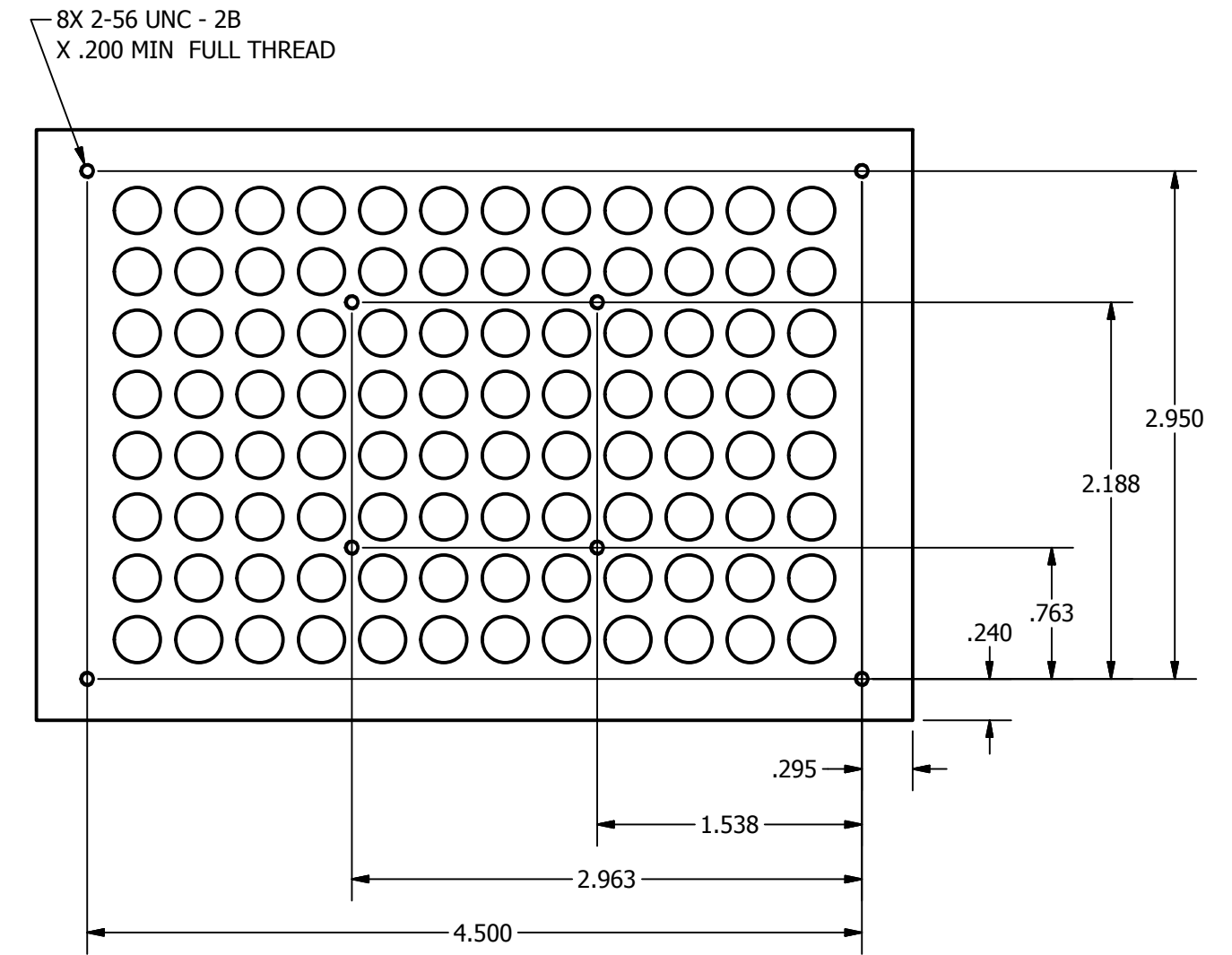
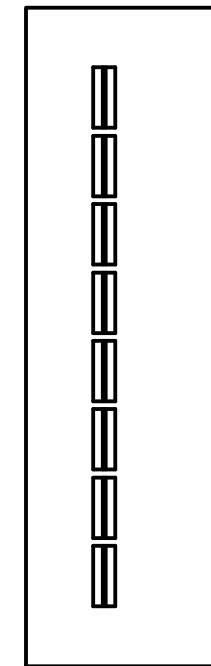
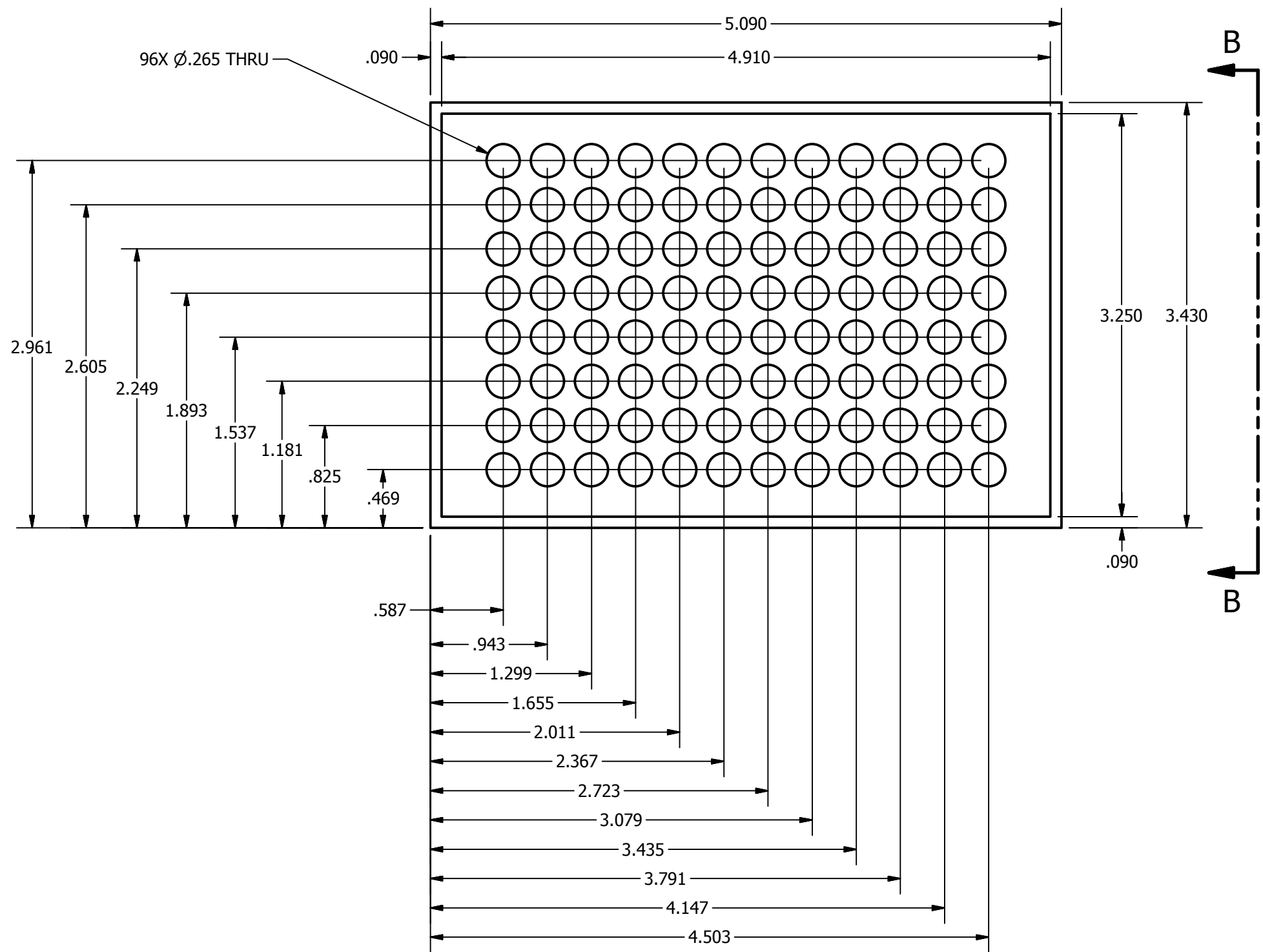
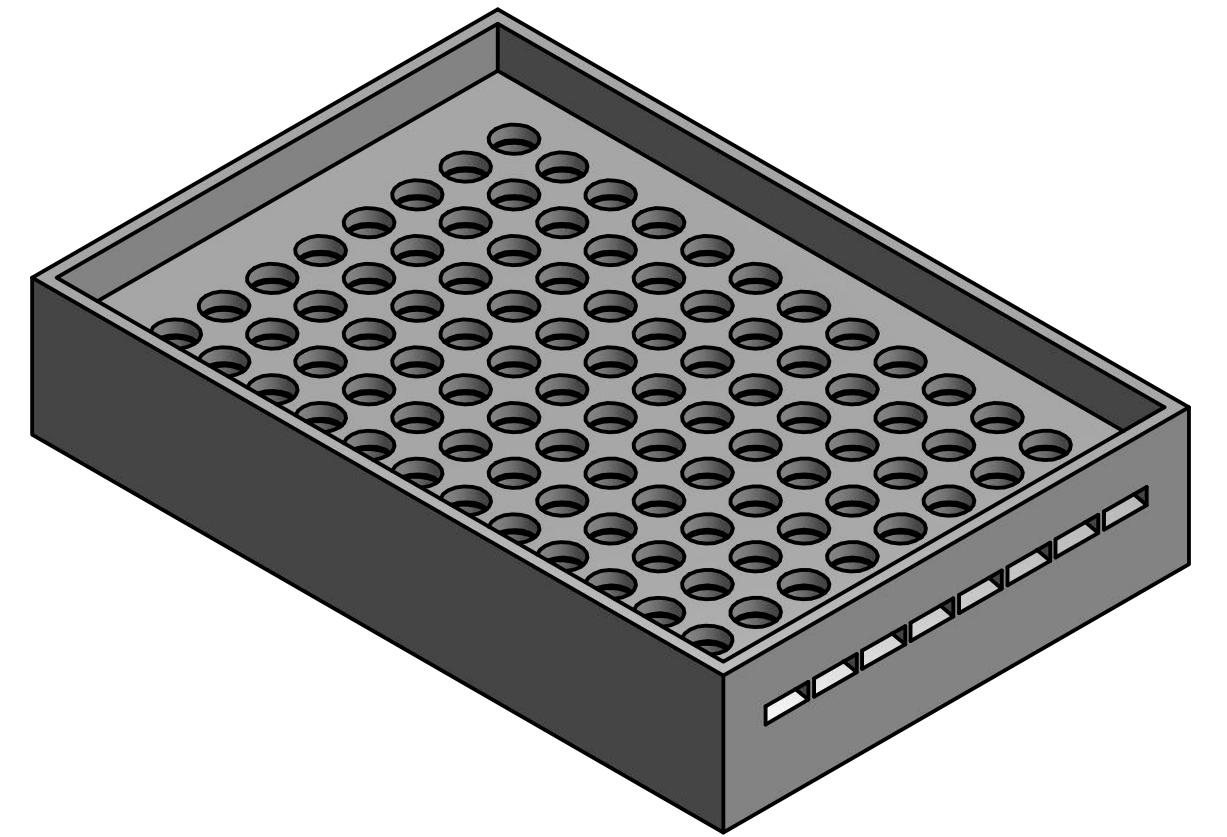
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1

GENERAL NOTES:

- 1. MATERIAL: VERO WHITE
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



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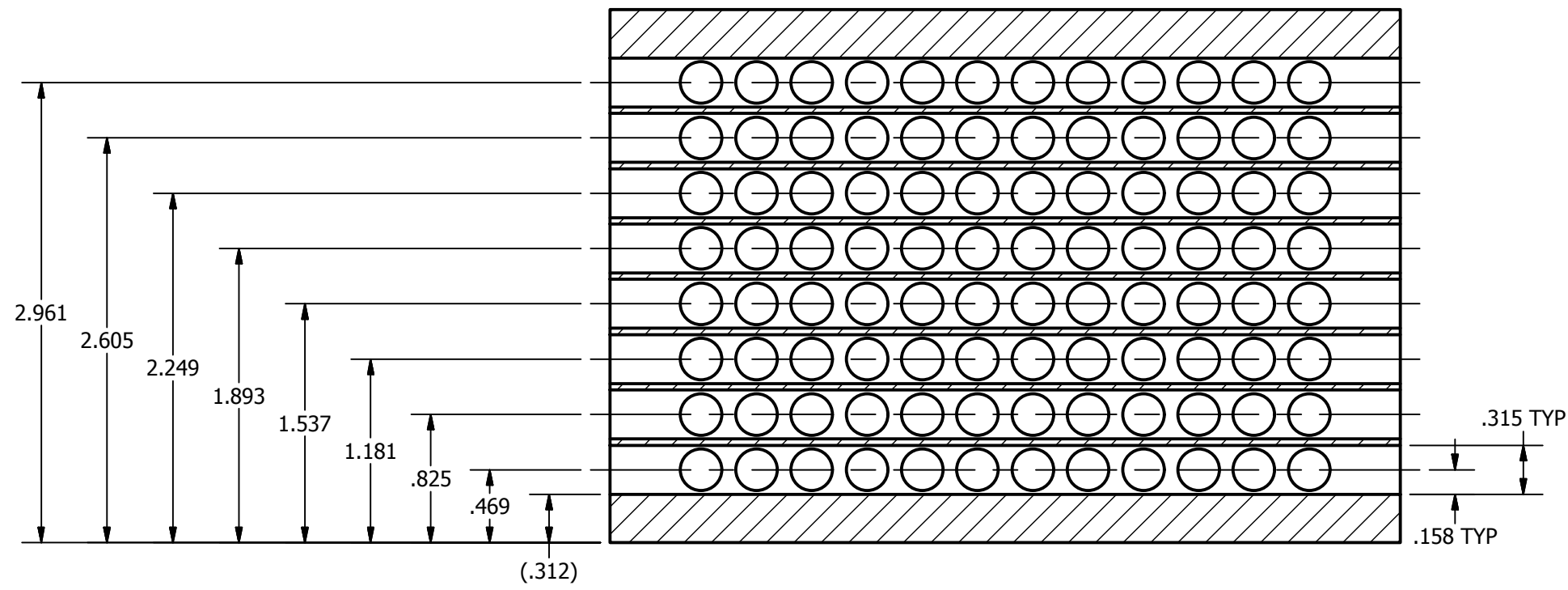
- DO NOT SCALE DRAWING -
 THIRD ANGLE PROJECTION:

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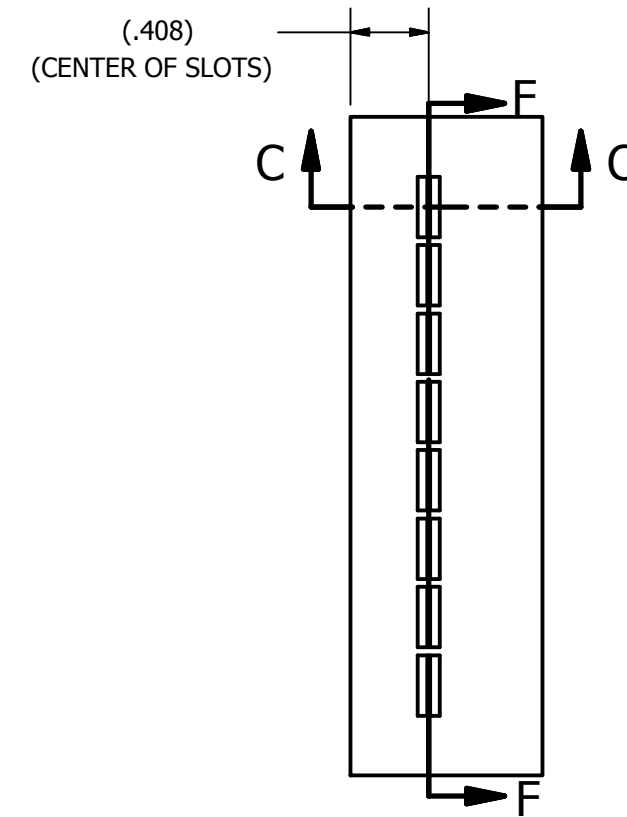
HHMI
 janelia farm
 research campus

96 CHAMBER COMPARTMENTS.ipt

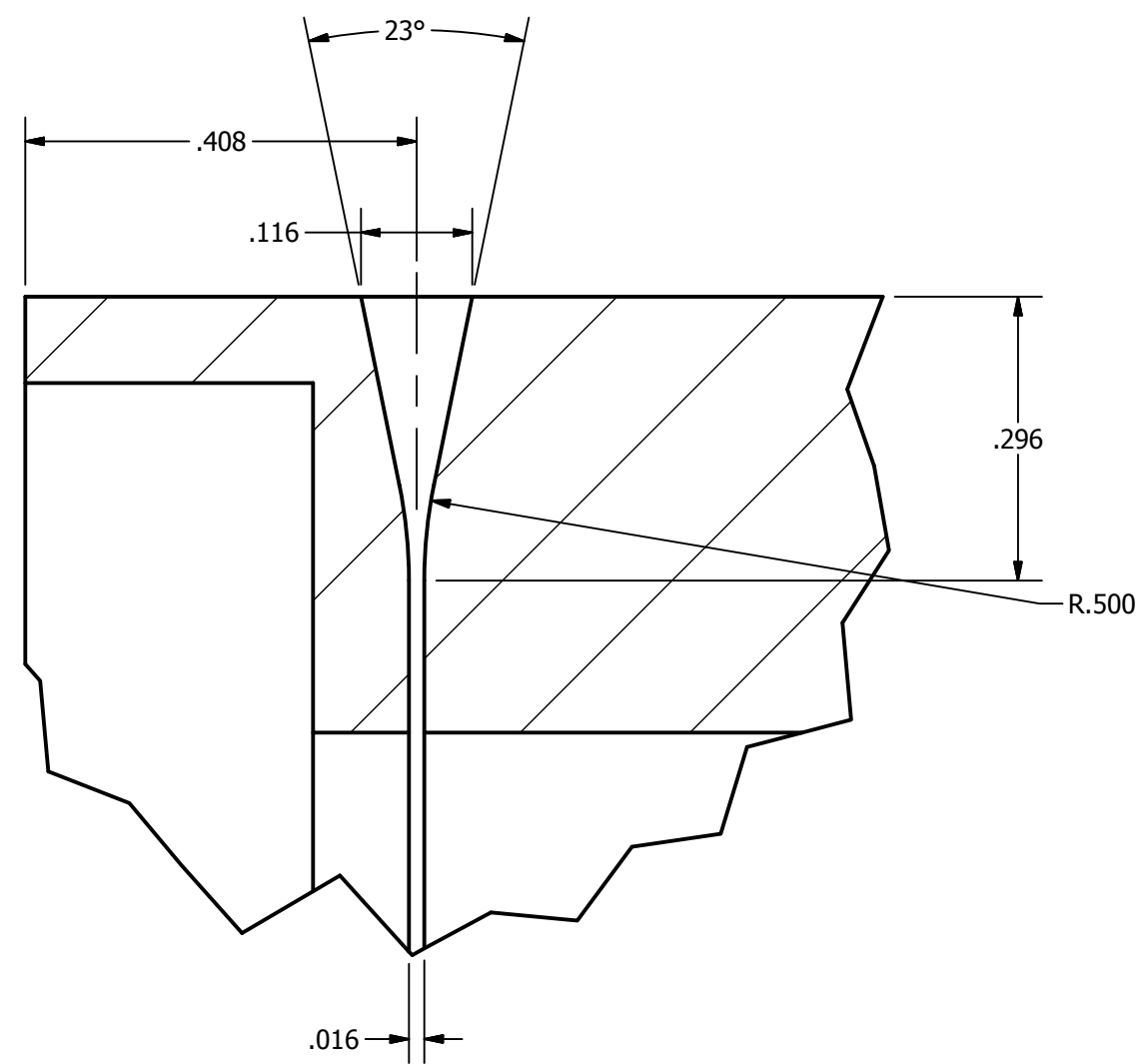
SIZE C	PART NUMBER 1	REV 0	SHEET 1 OF 2
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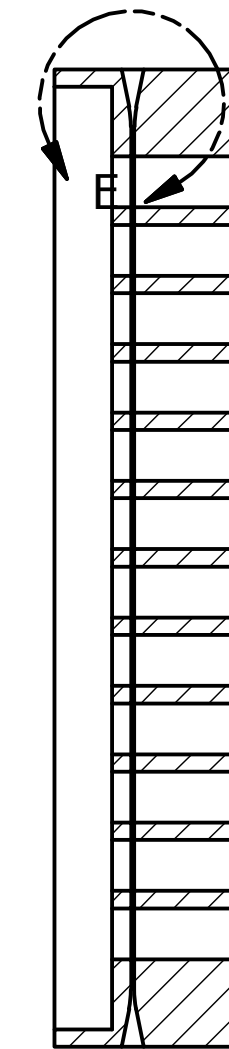
SECTION F-F



VIEW B-B



DETAIL E
TYP FOR 8 SLOTS
SCALE 5:1



SECTION C-C

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janelia farm
research campus

96 CHAMBER COMPARTMENTS.ipt

SIZE C	PART NUMBER 1	REV 0	SHEET 2 OF 2
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4

3

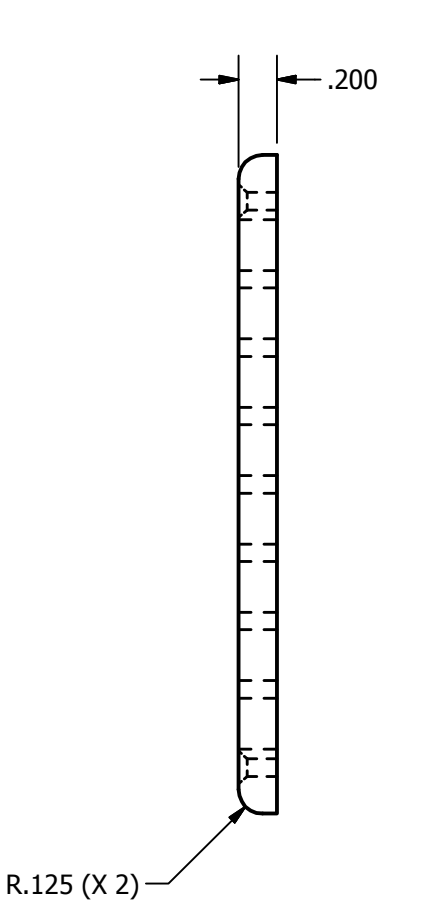
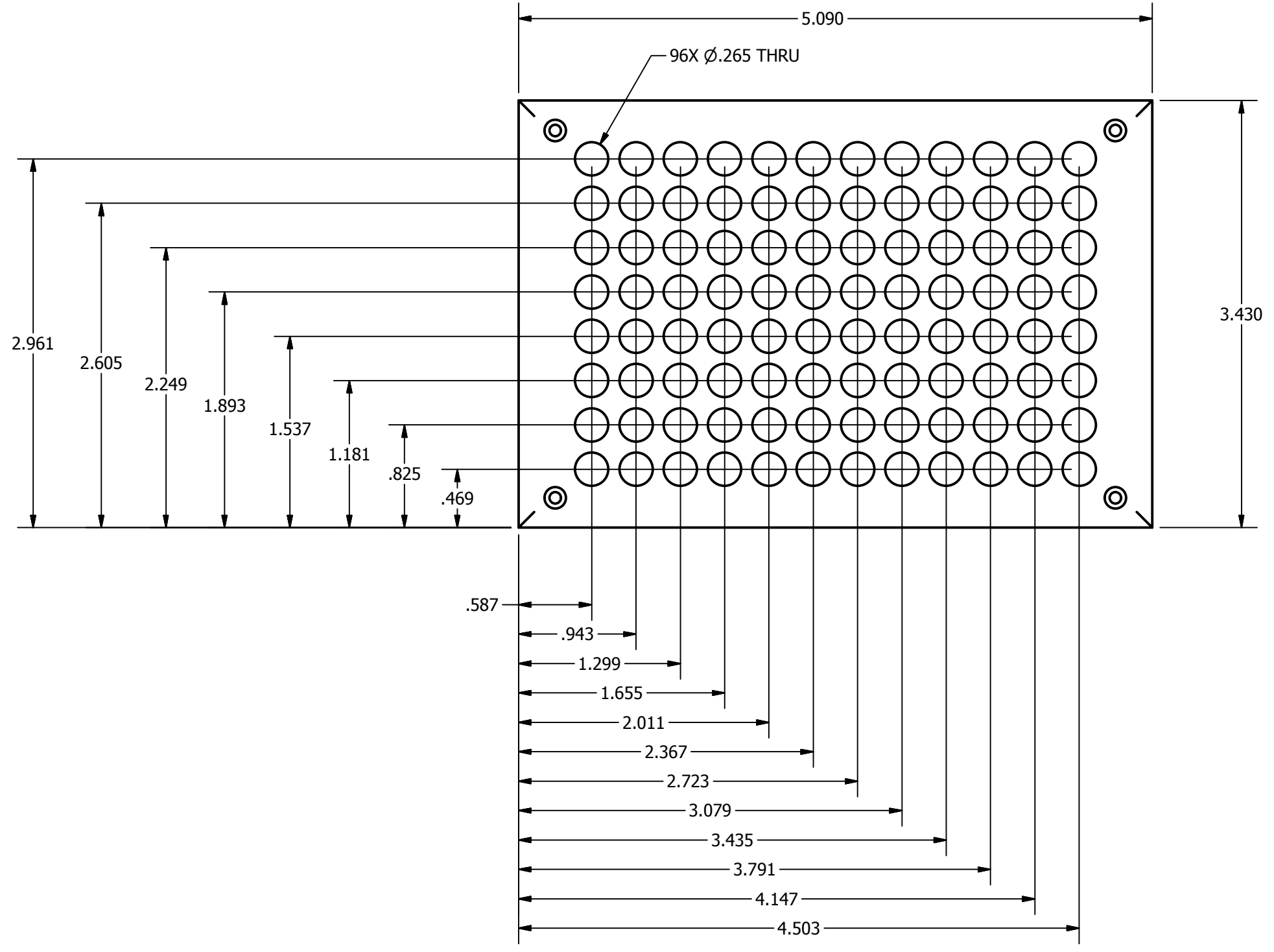
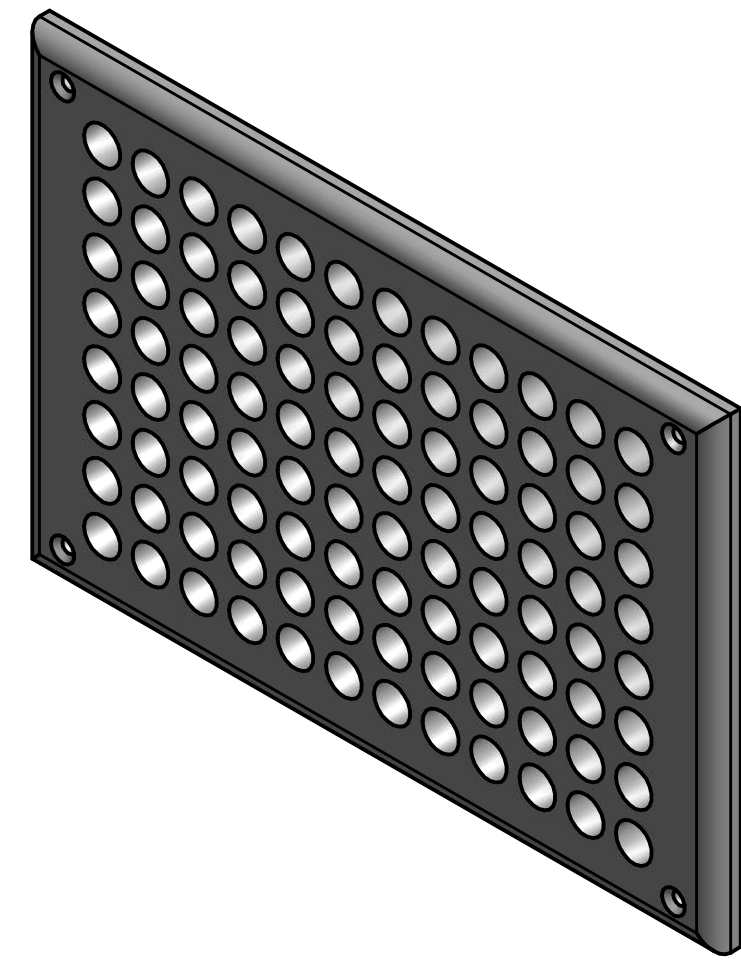
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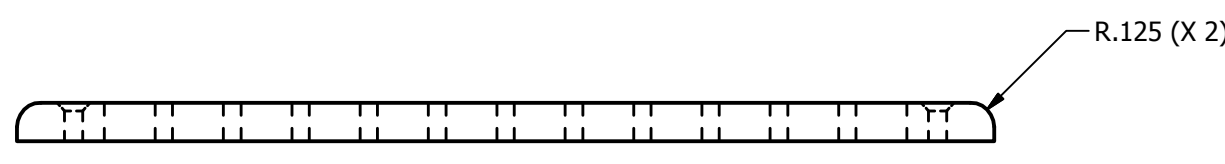
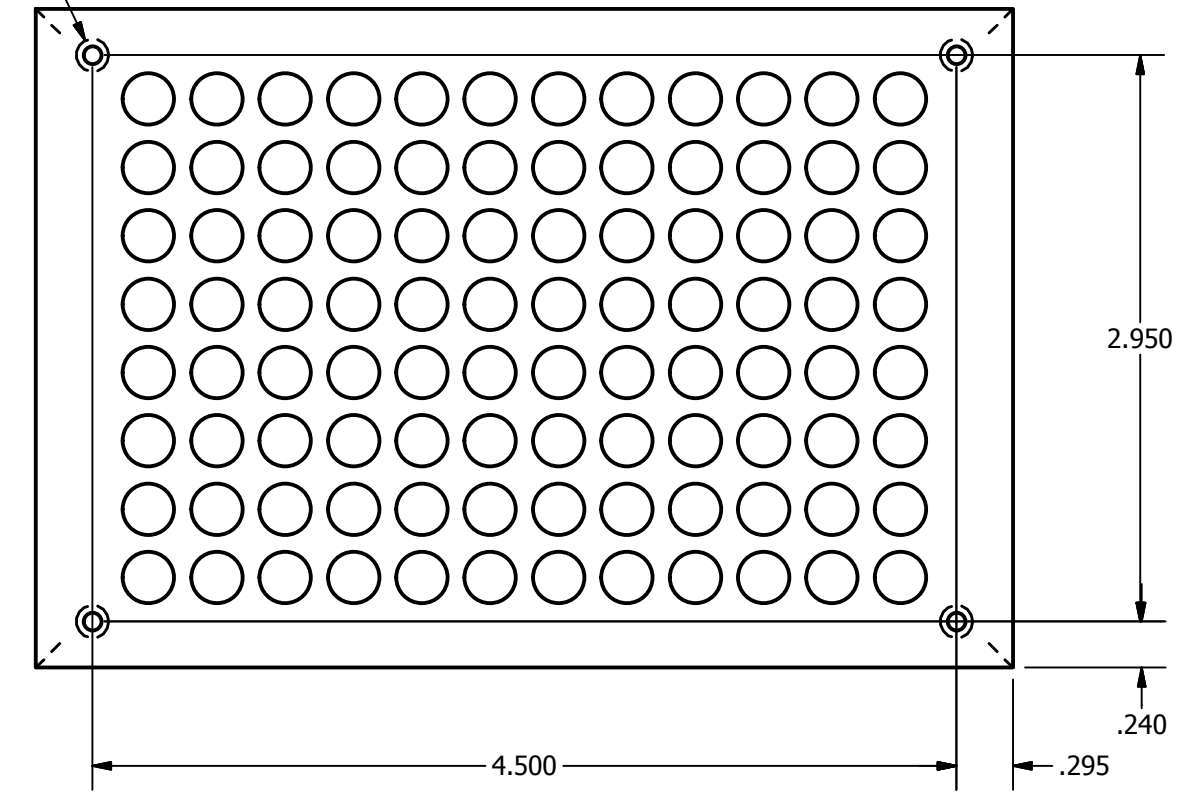
GENERAL NOTES:

- 1. MATERIAL: VERO WHITE
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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- 7. DIMENSIONS INCLUDE CHEMICALLY APPLIED FINISHES IF APPLICABLE

ZONE		REV	REVISION HISTORY DESCRIPTION	DATE	APPROVED



4X Ø.093 THRU
 ✓ Ø.17 X 82°
 FAR SIDE



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 X.XXX ± 0.005
 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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 THIRD ANGLE PROJECTION:

 HOWARD HUGHES MEDICAL INSTITUTE			
<h3>96 CHAMBER SCREEN HOLDER.ipt</h3>			
SIZE	PART NUMBER	REV	SHEET
C	1	0	1 OF 1

4

3

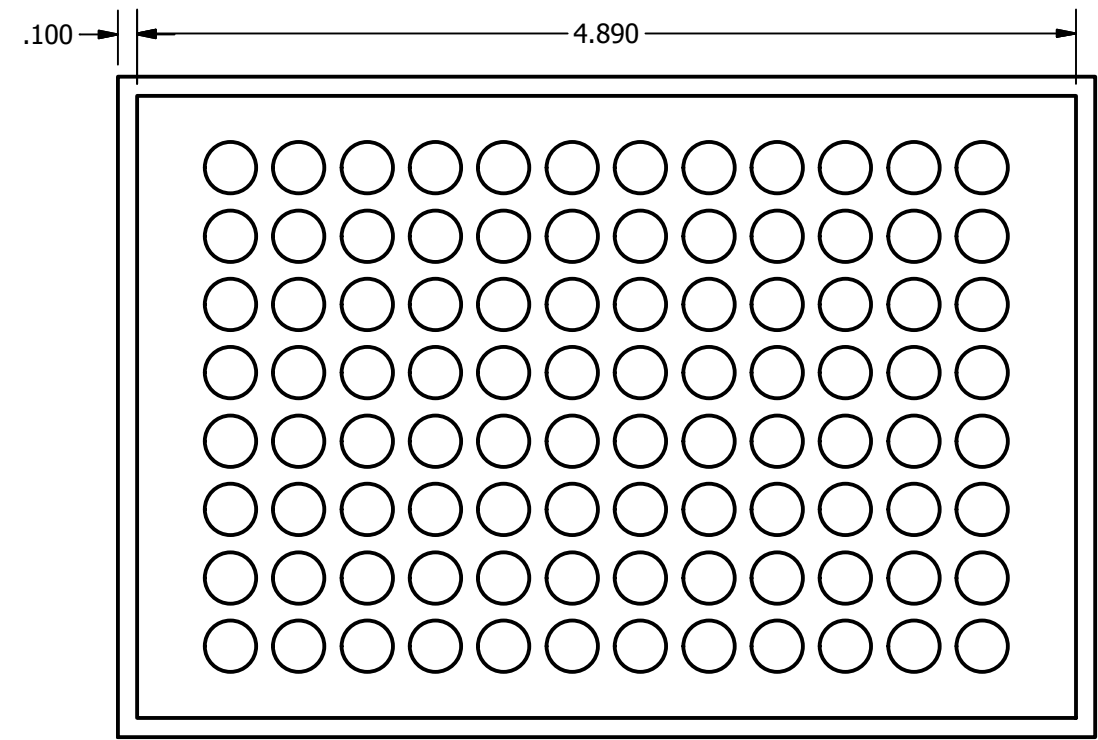
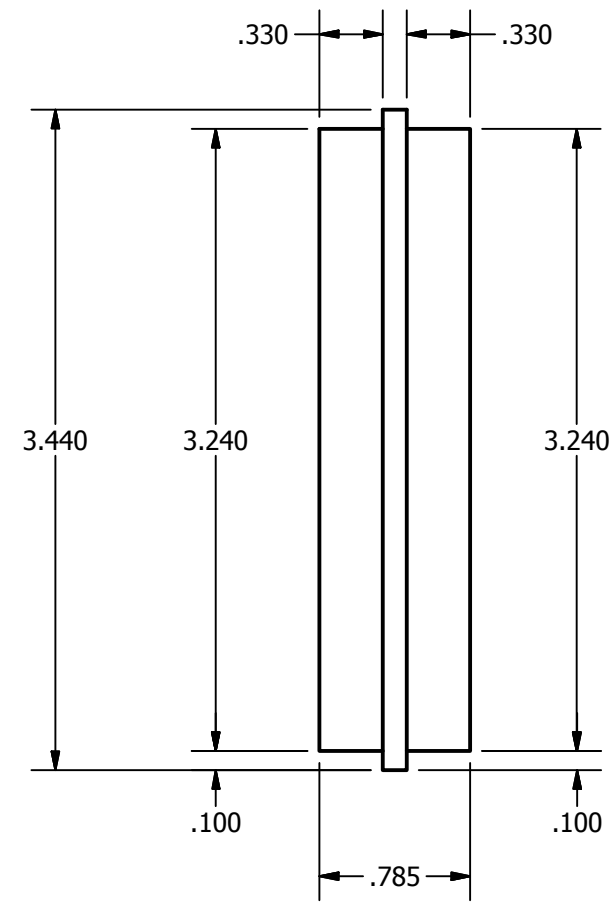
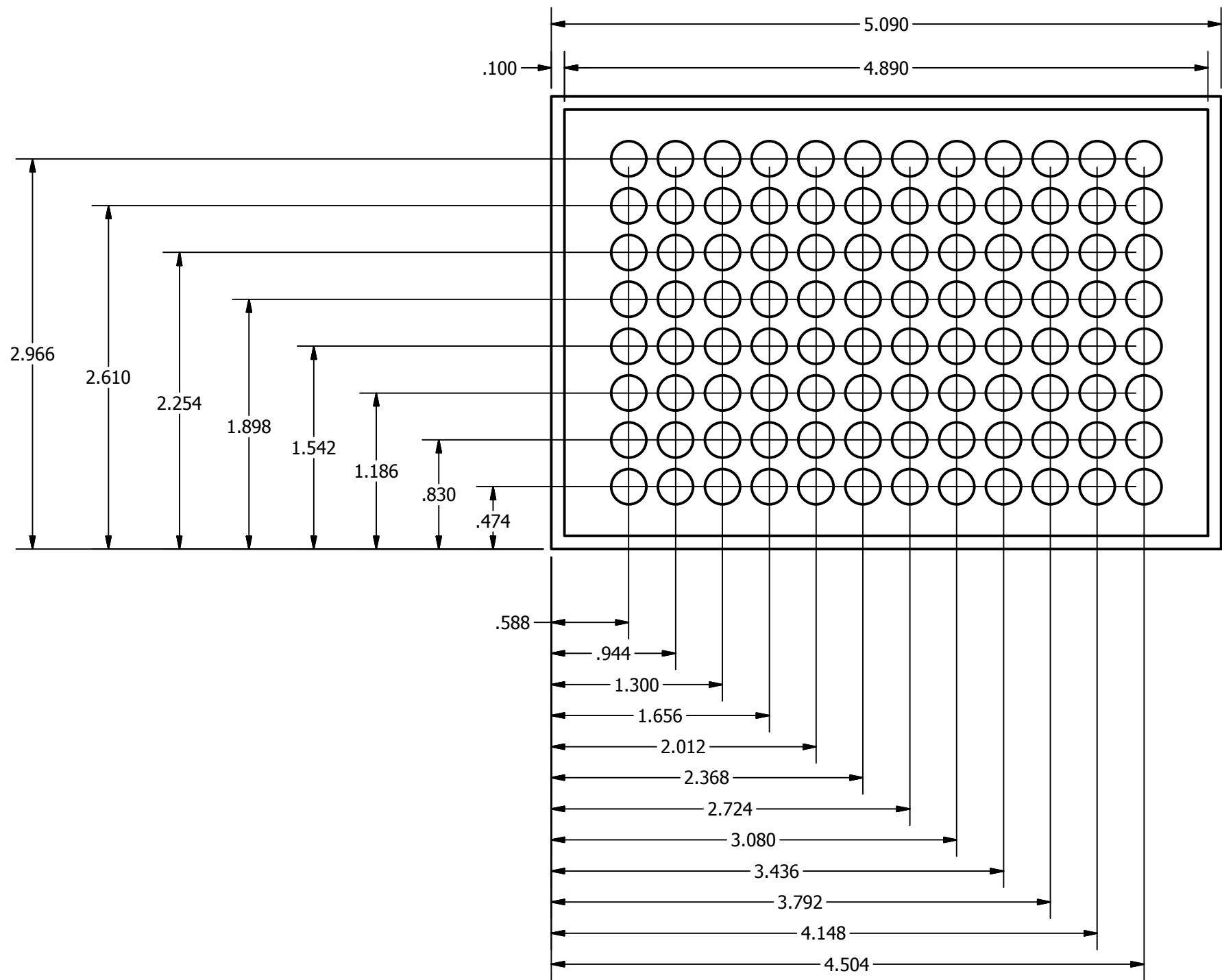
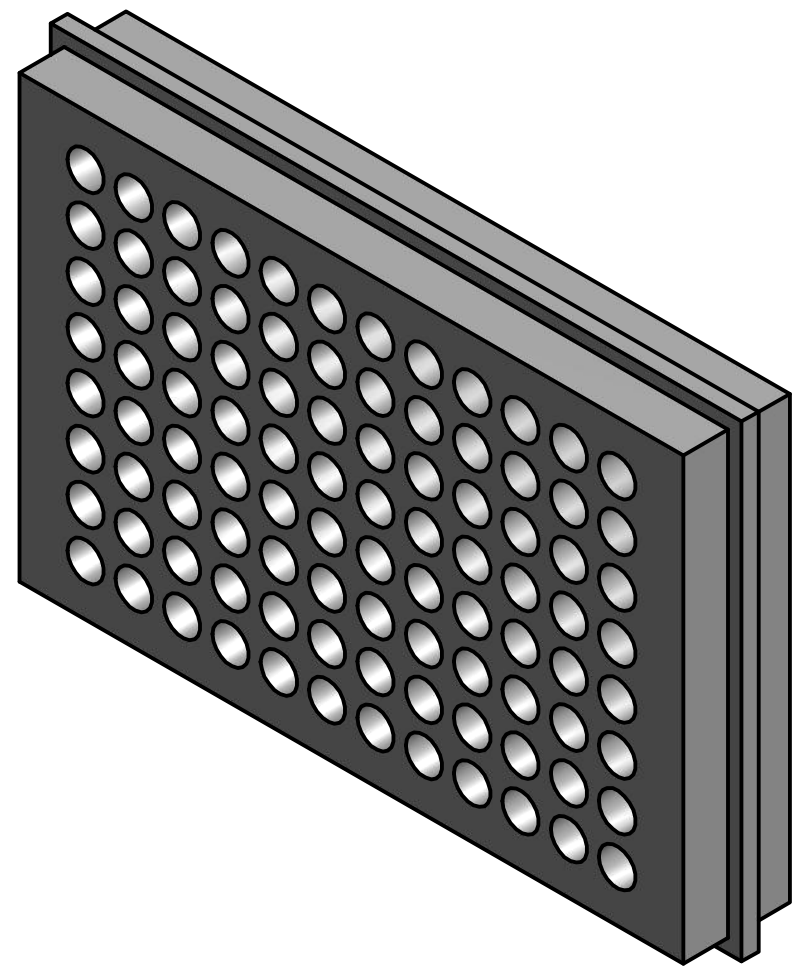
2

1

GENERAL NOTES:

- 1. MATERIAL: VERO, WHITE
- 2. SPECIAL FINISH:
- 3. SURFACE ROUGHNESS (UNLESS SPECIFIED OTHERWISE):
- 4. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
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 X.XXXX ± 0.0005
 ANGULAR ± 0.5 DEG

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 HOWARD HUGHES MEDICAL INSTITUTE			
<h3>96 CHAMBER ADAPTER.ipt</h3>			
SIZE C	PART NUMBER 1	REV 0	SHEET 1 OF 1

4

3

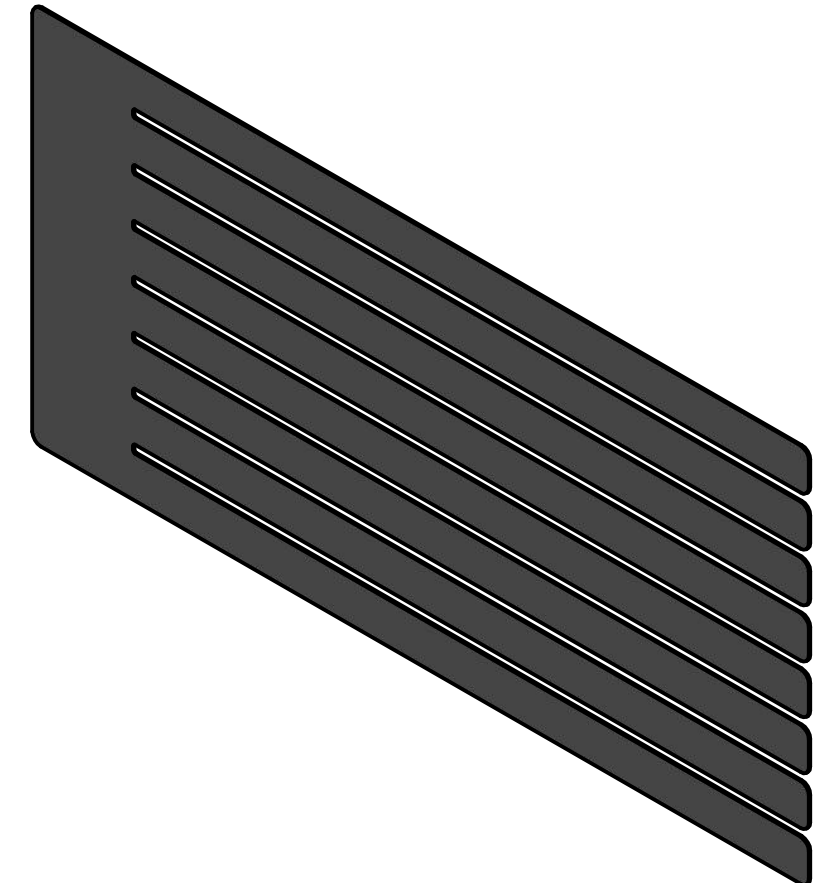
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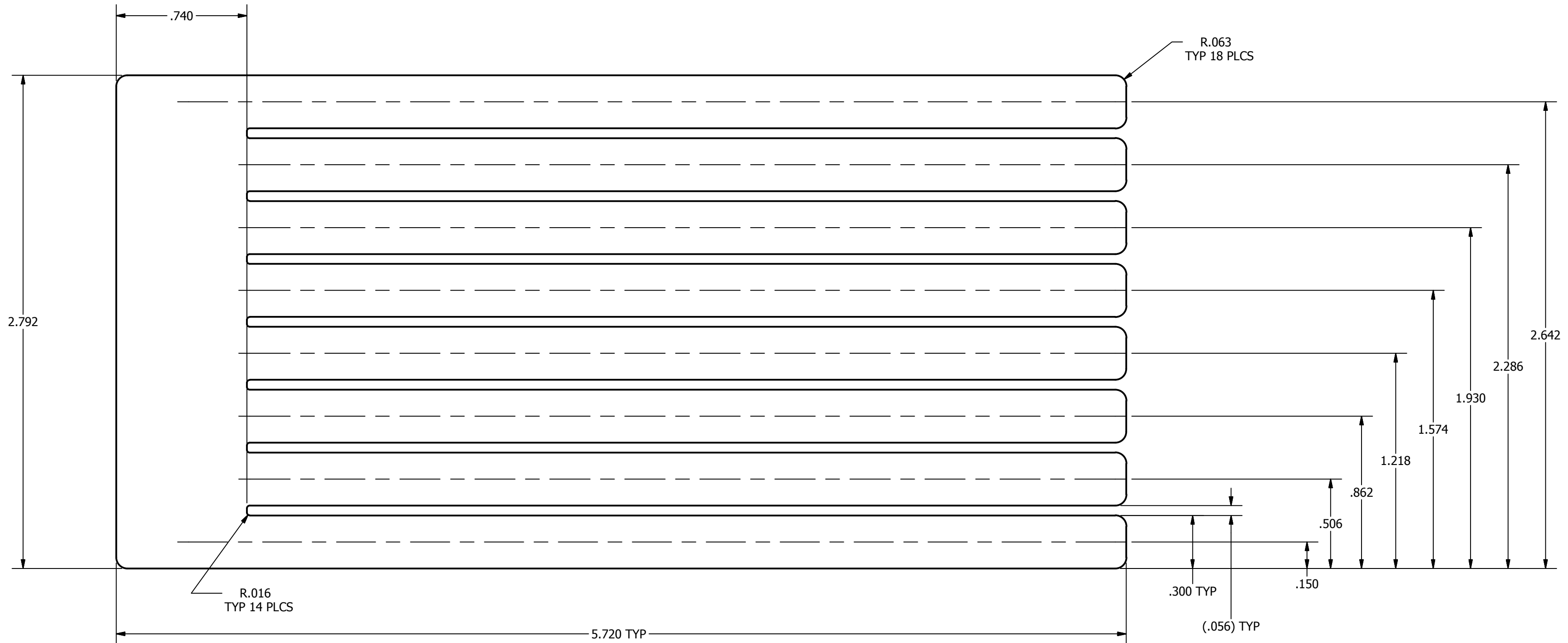
GENERAL NOTES:

- 1. MATERIAL: STAINLESS STEEL SHIM STOCK
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SCALE 2:1

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 THIRD ANGLE PROJECTION:

 HOWARD HUGHES MEDICAL INSTITUTE			
<h3>96 CHAMBER PARTITION SLIDE.ipt</h3>			
SIZE	PART NUMBER	REV	SHEET
C	1	0	1 OF 1

4

3

2

1